



Walter Deane.

Botanical Notes.















- 1887 -  
- Apr. 7 - Apr. 17 -  
- Cambridge - Mass. -

5

During the past ten days, my wife and I ~~and I~~ have been to Chicago visiting at Mr. R. Larrabee's, 19 Walton St. We have had a most charming time, with fine weather and no rain. On the 9<sup>th</sup> & 10<sup>th</sup> of the month, the mercury was 80° in the shade and the heat was oppressive, but after that the weather was cool and agreeable. I had no chance to do any botanizing, as nature had not yet begun to start, but, before we left, the grass was quite green and in Lincoln Park I saw an alder with its catkins out. I was much interested in the cable road and studied carefully the working of it. Miss Rosalind & I went for the lower station corner State & 21<sup>st</sup> Sts and saw the cable running over the immense drums. The animals in the Park were as full of interest to me as on my former visits. There were Sea Lions, Black, Cinnamon Polar & Grizzly Bears, Foxes, Otter, Bison, Elk, Deer, Prairie Dogs &c &c. We visited the new Board of Trade, a large, handsome building and listened to the confused roar in the wheat-pit. A walk on the Lake Shore gives you a beautiful view of the Lake with its smooth sandy beach. The water makes such encroachments on the land that extensive breakwaters are in process of construction. Very handsome stone structures, private residences are along the shore. On our return home by the



- 1887 -

Michigan Central R.R. we passed along the Southern Shore of the Lake by day light and I saw a number of sand dunes, immense piles of sand, with more or less vegetation. We had a fine view of Niagara Falls on our way to Chicago, and saw the mass of ice at the foot of the American Falls. The Mohawk is very interesting country. There was a good deal visible on the northern range of hills. The river was very high and the country was flooded. We reached home Sunday evening the 17<sup>th</sup>, at 11:30 P.M. It has been a most charming trip.

*Ptelea trifoliata*, L.

Old fruit, from a shrub in Lincoln Park, growing naturally. Chicago, Apr. 11-  
*Xanthium Canadense* Mill. var. *oblongatum*, Gray.  
 Old fruit - Roadside. Chicago Apr. 11-

- Apr. 23. -

- Cambridge Mass. -

This P.M. Mr. G. G. Kennedy & I took the 4:45 P.M. train at the Lowell Depot in Boston and got out at Somerville and collected the Colts-Fort where I got it last year. It was in good flower. We then walked over to Cambridge and Mr. K. Staid with me a little while in my Herbarium before returning home.

*Tussilago Farfara*, L.

Railroad cuttings Somerville. In flower.



- 1887 -

- Apr. 27 -

- Cambridge, Mass. -

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A clear, mild day. This P.M. I went to  
Waverly with Helen Dexter, St. P. Chadbourne &  
B. Smith. We went by the same cars and  
returned by train to North Station. The  
early spring plants are beginning to appear.  
Willows, Maples, Negatum (1 ft. high) Allen's  
Cane (6 in. high) Symplocarpus &c. The  
Waverly Oaks are handsome trees. One  
measured 18 ft. in circumference, 5 ft.  
from the ground — Blood roots up in  
the ground, L.  
Young Yellow Pines - 1 ft. high -

- May 13 -

- Cambridge, Mass. -

Nature has made great strides since I  
made my last entry. The early spring flowers  
are up and everything looks and green.  
I strolled through the fields lately by 7<sup>th</sup>  
Pond. The Oaks were in flower, the Birches (white)  
are covered with a more delicate green and the  
ground is white with patches of *Houstonia*. Mr.  
J. gave me lately a specimen of  
*Ranunculus fascicularis* from Lincoln, coll.  
May 7<sup>th</sup>. That plant is not common. *Carex*  
*stricta* is in full ♂ & ♀ fl. The delicate styles are  
very beautiful. May 7<sup>th</sup> I was out 1<sup>st</sup>.  
I have been labelling lately some European  
plants, given me last year. Rev. T. Moring -



- 1887 -

- May 14 -

- Cambridge, Mass. -

A most perfect day, cool and clear,  
wind east. I took in first botanica  
this P.M., with Mr. J. R. Churchill -  
We left Boston by the 3.05 train for  
So. Acton meeting Mr. Joyce by ap-  
pointment at the station. We had a  
tramp through the fields & woods for  
2 1/2 hrs. returning on the 6.32 train -  
We went especially for the fruit of  
*Salix tristis*, which we found in fine  
condition. The ♂ fl. were all gone, but  
we shall get them earlier next year -  
Saw *Rhodora* in flower in a swamp.  
The freshness of the new foliage is  
delightful. We went round Great  
Hill, going to the South of it first.  
*Comptonia* is in full flower. The *Es-*  
*munclus* are coming up, and are of a  
most exquisite color. We refreshed our-  
selves at a cool spring. I left Mr.  
C. at the Cambridge Station Home about 8 P.M.  
*Salix tristis*, Ait. Open field. ♀ fruit -

*Quercus ilicifolia*, Wang. -  
~~*rescendens*, Willd.~~ roadside.

" *tinctoria* Open field - Large tree.

*Betula papyracea*, Ait. ♂ fl. Woods above ground. Only  
*Xanthoxylum Americanum*, Mill. Roadside. tree in Acton Mr. J. Knows of.

*Goodyera pubescens*, R. Br. Woods

*Comptonia asplenifolia* Ait. Field.

So. Acton,  
Mass.



— 1887 —  
— May 20 —  
— Cambridge, Mass. —

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Nature has taken great strides during the past week. I have done no botanizing this week. This evening I poisoned my collection of last Saturday except the *Protophyta*. I also poisoned 63 species of a collection of European plants given me last year by Rev. T. Mowbray.

May 21 —  
Cambridge, Mass.

Took the 12:07 P.M. train, Fitchburg Dep., and got off at West Cambridge. A short way beyond, just past the Brick Yards, in a boggy piece of ground, grows the *Menyanthes*, and I found it in full flower. Mr. Joyce had told me that it was in flower now and I secured what I wanted. I walked home by Fresh Pond Swamp. Everything is beautifully fresh and green. *Viburnum*, *Rhus arbutifolia*, Black Cherry, *Trientalis*, *Smilacina bifolia* were in full flower. I saw *Myrica Gale* with its catkins falling off. I shall collect it next year earlier. This P.M. & evening I put into the box and mounted 31 sheets, the May 14 collection and a few European plants. I read "Notes of a Naturalist in So. America" by John Ball, given me by Mr. Kennedy on my birthday Apr. 23.

*Menyanthes trifoliata*, L.  
Bog by Brick Yards, West Cambridge. In full flower.



- 1887 -

- May 22 -

Cambridge. Mass. -

A warm day. This A.M. I went out on the River with G. St. Wells in his paper canoe. He paddled some 5 m. up the river to the foot of the 2<sup>nd</sup> Fall carrying the canoe over the 1<sup>st</sup> Fall. It was a very delightful morning. There was nothing very attractive along the river banks in the way of vegetation. It is farther up that the banks are so beautiful. The leaves of a *Spartina* formed a large part of the growth mingled with *Potentilla* anserina in full flower. In the shallow swift water, was abundance of *Callitriche* verna and a *Cryptocarpus* plant growing on the bottom and waving its filaments in the running water.

I got *Spirogyra* by the 1<sup>st</sup> Falls. We took a photograph of the 2<sup>nd</sup> Falls and returned home as we were reaching the Cessing by 2 P.M. Just below the 1<sup>st</sup> Falls near the shore, the water was actually black with small eels from 2 to 3 in. long. They were climbing up the wet rocks as if trying to get above the Falls. I was surprised in the evening by a call from L. F. Ward who is staying at the Revere House with his wife. He was at Mr. Vinton's



reception and he called over here with Father.  
He will stay here about a week longer.  
After noon when he is sleeping, I shall  
show him what attention I can - I walked  
over to Mr. Winters with him and saw his  
wife. I walked to the Square with them  
afterwards and saw them on a car for  
Boston.

*Salix alba*, L. - Fide M. S. Bebb  
Large tree, chopping trunk ~~trunk~~, Ches.  
River, Watertown.

May 23 -  
- Cambridge, Mass. -

A hot day. Came out of town by train.  
On the roadside on Raymond St. I col-  
lected *Poa annua* which was abundant.  
Stopped a few minutes at the Garden-  
Law Museum, Boston, Goodale, Saksby & Hum-  
phreys. Mr. Saksby who has died lately  
has left his Herbarium to the Botanic  
Gardens.

*Poa annua*, L.  
Roadside, Raymond St.



~ 1887 ~  
 ~ May 26 ~  
 ~ Cambridge, Mass. ~

A most beautiful clear day. During the week I have poisoned the European plants of Mr. May. I shall mount some of them. There are about 150 species. This P.M.

I met Prof. Ward at the Revere House and lunched with him. Mr. Kennedy was with us.

We took the 4 o'clock train for Waverly -

Mr. K. couldn't go. We spent 2 1/2 hrs. in Waverly, walking here and there collecting a few plants. Prof. Ward saw some plants which he had not seen before. The Oaks with their fresh leaves and catkins are very fine.

Took the 6:56 train back - I left

Prof. Ward at Cambridge. I found on my return some fresh *Smilacina trifoliata* from Mr. Fuller of Dedham. I put it in press. I was very <sup>glad</sup> to receive a letter from Barnes.

*Quercus nemora*, L.

Woods - fruit - Waltham -

*Platanus occidentalis*, L.

♂ & ♀ flowers

*Carya amara* Nutt.

Hillside - Waverly - in Belmont -

*Carex stricta*, Lam.

side of *Baileya* from a spec. sent me from the same place - June 6<sup>th</sup> 1887.

Tufted - edge of Clematis brook just above the falls, by the pond -



- 1887 -

- May 27 -

13

Cambridge Mass.

A clear day warm in the A.M., east-  
wind in the P.M. bringing fog and in the  
evening, rain. Took the 2.40 train at the  
Providence Station with Prof. & Mrs. Ward for  
Forest Hills. We went to the Arnold  
Arboretum and spent a little over 2 hrs.  
in walking about seeing the Park. We  
did not see any of the authorities - Mr. G. S.  
Kennedy joined us before we returned. I left  
Prof. & Mrs. Ward at the R.R. depot after ar-  
ranging with them to go to Mr. Kennedy's to-morrow.  
On reaching home, I found that the *Camassia*  
*Frateri*, Torr. a bulb of which C. G. Lloyd sent me  
was in full flower at my Father's.  
Lloyd collected the bulb  
and I had it set out. I collected the fruit  
of it last year. So I went up to the  
house and took up the whole plant and  
put it in press. It will make a handsome  
specimen. It has a large handsome flower  
in a raceme. It is the old *Scilla* -  
*Camassia Frateri*, Torr.  
See above -



- 1887 -  
 - May 28 -  
 - Cambridge, Mass. -

A rainy day. I went from school to the Providence Depot for the 2-10 P.M. train for Readville. Prof. Ward was there, but being to say that he had decided not to go on account of the storm. So I went out alone. I found Mr. Kennard alone and spent a most delightful afternoon and evening with him in his study, looking over his Natural Bridge collection made in the early part of the month. He gave me a number of specimens. I took the 9-08 train back to Boston reaching home by 10-45.

- May 29 -  
 - Cambridge, Mass. -

A cloudy, showery day, very cool - I went into Boston this A.M. to the Revere House to see Prof. & Mrs. Ward about going to Concord. I found them at the Hitchcock Station, as they expected me to join them at Cambridge. I took my dinner at the Revere House. We went by the 1-05 train and reached Concord at 2-10. Mr. Geo S. Hoar met us at the Station. I had previously written to him to join us. Under his guidance, we walked about for 2 hrs. visiting his home, the Old



Bumping Ground, Pleby Hall, the Green  
 House, Hawthorne & Emerson, Emerson's  
 House, Wright's Tavern, besides seeing the  
 natural beauties of the town. The rain  
 fortunately held off and the air was cool.  
 We reached the Old Manse by a little  
 after 4 P.M. There we were most cordially  
 received by Will Brewster & his wife who  
 showed Mr. & Mrs. Ward over the house. Then  
 Mr. Ward with them to see the Minute  
 Man and the objects about it, while Will  
 & I got the boats ready to take them up  
 the river. We went some distance up  
 the North Branch, past the Hemlocks.  
 The river is quite full and the green  
 foliage makes the view enchanting.  
 It began to mist as we neared the boat-  
 house on our return. A bright, jolly  
 tea at the Old Manse and a drive to the  
 Depot ended our visit. I left Mr.  
 Ward at the Cambridge Station. They  
 return to Washington tomorrow at 9 A.M.  
 reaching home at 11 P.M. It has given  
 me great pleasure to show them what  
 little attention I could.

*Salix nigra* -

This willow grows in great abundance  
 on the shores of the North Branch. I col-  
 lected both fls & lvs and leaves. I got  
 specimens from the same tree where I got  
 leaves last July -  
 next



~ 1887 ~  
 June 4 ~  
 ~ Cambridge, Mass. ~

The sun has scarcely shone a moment since May 30. Constant rain and damp cold weather have been the rule. To-day threatening clouds have overhung the sky all day long, but no rain has fallen. Mr. Churchill & I took the 1.15 train at the Prov. depot for Readville to botanize on Blue Hill. We had hoped to meet Mr. Kennedy at the station but he has gone to Lebanon N.H. We met however his daughter, Miss Edith on the train and we drove up together to the house. I left my coat & umbrella at the house and agreeing to return to lunch by 6 P.M. we started off and had a more glorious time on Blue Hill. The wet weather has kept the vegetation as fresh and green as can possibly be imagined. We kept up the road to the summit for some distance and then struck off to the left on a wood-road. We soon left this and entered a ravine, wild & rocky, skirting the western side of the Hill. There was plenty of steep Perm. *Viburnum acerifolium*, Oaks & other trees. Soon as we were passing along through a deep dell by a wet swamp, we found a cluster of a dozen plants of *Polygonum verticillata*. I was overjoyed to see this plant now for the first time. The verticillate whorl of leaves is strangely like the *Medeola* abundant in our



woods and sterile plants of the two might very easily be mistaken for each other. The long linear sepals give the flower an odd appearance. Farther along in rich damp ground we found plenty of *Triostema* which like the orchid, was in fine flower. I doubt if another week will find any flowers on either of these plants. This is the first time that I have found the flowers of the *Triostema*. They are very caducous and I doubt if they are not almost ephemeral. We found the ceriferous form of *Thalictrum purpureum* in very young fruit and very good flowering plants of *Aphyllon uniflorum* were growing near the Summit of the Hill. I was much impressed by the view from the top heightened I think by the heavy threatening clouds which, however, never held back their rain all day. We descended by the carriage-road, reaching the house by 4 P.M. Miss Edith gave us a hearty lunch and sent us to the station in the carriage. The hospitality of "The Pines" added much to our trip. We took the 7.01 train N.Y. & N.E., I, the 7.05 P.M., reaching home by 8.25. Put my plants in press.

*Viola pedata*, L. fr.

*Rubus villosus*, Ait.

" *occidentalis*, L.

*Viburnum acerifolium*, L.

*Polygonum verticillata*, Nutt. full flower

*Triostema perfoliatum*, L.

Woods, Blue Hill. Milton.

*Aquilegia canadensis*, L. fr.

*Carex panicea*, L.

Milton - low open ground, Mr. Kennedy's place.



- 1887 -

- June 5 -

- Cambridge, Mass. -

Yesterday I mounted 58 sheets of European plants. To-day I received a small package of plants from J. M. Coulter. The weather has been clear & bright to-day, the first pleasant day for a week.

- June 8 -

- Cambridge, Mass. -

This P.M. after dinner, I took my boy and walked up through the fields towards Fresh Pond when I got several *Carex*s.

1. *Carex vulgaris*, Tris., <sup>with these, June 12-1887</sup> ~~Tris.~~ <sup>from spec sent him growing</sup>

This is very abundant in a low field

It makes up the entire turf where it grows and its thickly matted root-stocks make it difficult to take up.

2. *Carex straminea*, Schk. var. *aperta*, Boott. <sup>from spec sent him growing with these</sup> ~~Tris.~~ <sup>from spec sent him growing with these</sup>

In a bog at the foot of the Canal on left, by the *Typha latifolia*.

3. *Carex conoidea*, Schk. <sup>from spec sent him growing with these. June 12-1887</sup> ~~Tris.~~ <sup>from spec sent him growing with these</sup>

Open wet fields

7. *Carex panicea*, L. <sup>from spec sent him growing with these</sup> ~~Tris.~~ <sup>from spec sent him growing with these</sup>

Open, wet field. Not abundant.



— 1887 —

19

June 11 ~  
— Manchester Mass. —

A bright, clear day - Maria + I took the 2:15 train Eastern Depot for Magnolia Station, to spend Sunday with the Misses Lovering who have taken a cottage for the summer on the shore in Manchester near the Magnolia line. It is a most attractive, restful spot. The house lies some 80 ft. above the road, on a rocky wooded hill-side, not far from the water, and as there is a magnificent view of the ocean across to the South Shore. With a glass, one can easily distinguish Miami's light, Boston light and the Inner Light. The house, built and owned by Murray Howe, is beautifully surrounded by woods. *Pinus strobus* + *rigida*, *Quercus rubra* + *alba*, *Sassafras officinalis*, *Coccoloba rubrum*, *Catalpa bignonioides* are all there. The *Pinus rigida* is in full flower just in the condition to collect. *Pinus strobus* is still too young. Strange to say, both of these *Pinus* were dropping the ♂ catkins on Blue Hill, just a week ago, June 4. We were warmly welcomed and the first thing in order was a drive. We went along the shore into Magnolia some distance, passing the Crescent Beach House and then South along the shore to the Town of Manchester. It is one continuous succession of beautiful residences with extensive lawns and broad avenues, often bordered by natural woods which are left undisturbed as far as possible. The Beach Pea (*Lathyrus maritimus*) was in full flower



on the sandy beach, while over where  
the *Pinus cerifera* was exposing its  
♂ flowers to view. It was a most at-  
tractive drive. We spent the evening in  
the parlor by a log fire -  
*Pinus rigida*, Mill.

♂ fls. & cones. Tree near the house.

~ June 12 ~  
~ Manchester, Mass. ~

A most beautiful day, clear, with  
a light cool breeze. We left the house  
at 9:45 and drove along the river for  
8 miles to Beverly Farms to church.  
I noticed a good many fine specimens of  
*Populus balsamifera*, L.  
It was in fine fruit. We reached home  
by about 1:30. After dinner I took a  
stroll through the woods near the house.  
For the first time I saw *Oryzopsis*  
*asperifolia*. It was very abundant  
and very ripe. The almost bloodless  
leaves of the culm are very marked.  
The red berries of the *Scutellaria* and  
*Mitchella* were abundant. I picked  
a large bunch of *Cypripedium acaule*.  
How attractive the rose-purple flowers  
are. The *Cornus Canadensis* was in  
full flower and I found a single  
small plant of *Kalmia latifolia*.



We spent the evening in the park -  
*Oryzopsis asperifolia*, Michx.

Very abundant in the woods - Too ripe  
 to make very good specimens of -  
 (18) *Carex varia*, Kunth. { <sup>side L.H. Bailey is from it</sup> I saw 2 specimens here  
 (him growing with these, June 7, 1887,

*Populus balsamifera*, L. <sup>var. canadensis</sup> fruit }  
*Erga porcina*, Nutt. & L.

Roadside.  
*Myrica cerifera*, L.  
 Woods & fl.

All from Manchester -

— June 14 —  
 — Cambridge, Mass. —

I have done no botanizing this week.  
 Last Monday Mr. Churchill sent me some very  
 fine specimens of *Carex stricta* which he had  
 been <sup>etc</sup> collecting the day before with the aid of a  
 hatchet. He attacked two tussocks and said it  
 was like cutting into a piece of wood. I pressed  
 some dozen specimens. The form with attenu-  
 ated spikes was more easily separable than the  
 other. Yesterday P.M. I spent with Mr. Moring  
 in Ashland. Had a delightful talk and received  
 some Eur. plants. He arranged about Man-  
 tucket. I hope to go by July 12<sup>th</sup>. This P.M.  
 I have partitioned a large lot of plants.  
 I returned from Manchester. Monday A.M. June 13.



~ 1887 ~

~ June 25 ~

~ Cambridge, Mass. ~

On the 23<sup>rd</sup> I mounted 45 sheets, and this evening have distributed them. Spent the P.M. at the Gardens doing some work for Lloyd.

*Mercurialis lanatum*, Michx.

3 large plants in the vacant lot on Concord Ave., opp. Bond St. Over 5 ft high. Lower leaf at least 5 ft long. Took 2 umbels of flowers.

~ June 26 ~

~ Cambridge, Mass. ~

This A.M. poisoned packages of *Gouletia* Bailey & Reo., Morong. Backed up to Fresh Pond in the P.M. *Rosa lucida* in full flower. *Hypericum perforatum* well out. To fl. of *Typha latifolia* mostly by *Carex vulgaris*, Fries. (See L.H. Bailey, from similar species sent him growing with this - June 12-1887.) Low field near Fresh Pond, Locality of June 8-lect.

*Typha latifolia*, L.

Single spike, to show the bracts. Leaves very broad. By foot of Fresh Pond Lane.

~ June 27 ~

~ Cambridge, Mass. ~

Put plants in the mounting box. Mr. Grundmann dined with us. S.L. Briggs called in the evening.

*Carex Grayii*, Carey. } Low open field near the

*Squarrosa*, L. } rubbish heap between Concord Ave. and Buckingham St. Evidently escaped.

See L.H. Bailey, from similar species sent him growing with this - June 12-1887.



1887

23

June 29 -  
Cambridge, Mass. -

Last day of school. This evening I mounted 17 sheets - Joe Sordale called to see my Herbarium -

June 30 -  
Cambridge, Mass. -

An intensely hot day. Thermometer over 90° in the shade. I finished mounting the sheets in the box today, 70 sheets in 3½ hr.

July 1 -  
Cambridge, Mass. -

An intensely hot day. This A.M. I distributed the sheets mounted yesterday and during the day got my things together preparatory to going to Concord to-morrow -

July 2 -  
Concord - Mass. -

We took the 11.19 A.M. train at Porter's station for Concord reaching here at about 12 M. Hottest day of the summer here. W<sup>m</sup> Brewster met us. We took a short stroll in the P.M. over Poplar Hill and by the river. Saw several specimens of *Crataegus pyrifolia* in young fruit. In the evening W. & I took a ride up the North Branch by moonlight. *Geranium maculatum*, L. Fruit. Poplar Hill.



~ 1887 ~

~ July 3 ~

- Concord, Mass. -

Is intensely hot that we could not venture out botanizing. In the A.M. W. & I spent most of the time sitting on the bank of the river in the shade close by the Minute Man. In the latter part of the P.M., we took a drive (road) over 9 acre-corner bridge. Found a young Quercus Prinus by the roadside. Spent the evening talking in the Pine-parlor.

- July 4 -

- Concord, Mass. -

Sun very hot, but rather stiff breeze all day, making it comfortable. This A.M. W. & I sailed down the river to Great Meadows and landed. Spent some time walking over the meadows. It is a very wide expanse. It is considerably over a mile long and is covered with sedges and grasses interspersed here and there with plants of various kinds. I saw in great abundance *Carex echinata*, var. *scoparia*, *Straminea*, *stricta*, *filiformis*, *Lupulina*, *monile*, *bullata*, *Panicum* sp. *chotomum*, *Phalaris arundinacea*, *Calamagrostis Canadensis*, *Agrostis vulgaris*, *Thalictrum Cornuti*, L.



*Eleocharis palustris*. Scattered here & there were *Lysimachia lanceolata*, & *stricta*, *Hypericum ellipticum*, *Gratiola aurea*, *Eleocharis obtusata*, *Scirpus eriophorum*, *Mentha Canadensis*, *Calamagrostis*, *Glyceria Canadensis*, *Phalaris pratensis* and various others. W. shot a young bobolink. We reached home in time for dinner - I found on the meadows a small patch of *Habenaria virescens* at which I was much pleased, as I have not seen it before.

This P.M. we went up the North Branch and I collected some willows to match my specimens of May 29<sup>th</sup>. We then rowed round to Mr. E. S. Hoar's and had a pleasant call on him & Mrs. Hoar. I have arranged with him for a trip to-morrow.

This evening, we all went on to Poplar Hill and had a fine display of fire-works which W. had provided. Beautiful full moon.

*Steironema lanceolatum*, Gray.

*Carex scoparia*, Schk. } fixed Bailey, Dec 19-1887.  
 " *tribuloides*, Muhl. }

Great meadows - met with constantly.

*Habenaria virescens*, Spreng.

A clump of 6 flowering plants with several young plants. Took four.

*Lalix*

From the same trees on the North Branch as the spec coll. May 29<sup>th</sup> last.



~ 1887 ~  
 ~ July 5 ~  
 ~ Concord, Mass. ~

Weather fair, cloudy at times. Sun warm, pleasant breeze. W. went to Boston to-day. I went to Mr. E. S. Hoar's at 9-30 A.M. We made a trip to Bateman's Pond in the northern part of the town. Mr. H's sister drove us to the Pond. We tramped round the Pond near the border, through the fields and woods. Mr. H. has collected *Sabbatia stellaris* by the Pond but we could find none. We lunched on a rise overlooking the Pond and then tramped through the woods and came out on the road we took in going to the Pond. We followed this road to the bridge and then struck through the fields to Mr. H's. I called with him on Mr. a gentleman of over 80 yrs, who showed us his garden. I reached home in time for supper. Mrs. & Miss Willard to tea.

*Drosera intermedia*, Desv. & Hayne., var. *Americana*, DC.  
*Carex bullata*, Schk. fide L. H. Bailey. Dec 19-1887.  
 Low ground by Bateman's Pond.

*Salix tristis*, Michx.

Hillside near Bateman's Pond.

*Acer pennsylvanicum*, L.

Care by Bateman's Pond. A few trees -  
*Agrostis alba*, L.

Roadside -

*Poa serotina*, Ehrh. fide L. H. Bailey, July 15/87 from similar spec. sent him growing with these.  
 River bank - Mr. E. S. Hoar's Garden.



- 1887 -  
- July 6 -  
- Concord, Mass. -

27

A cloudy, windy day, rain last night. W. went to Boston on business. I staid at home this A.M. fixing my plants and reading. M. & I drove down town on carads. This P.M., Carroll & I drove in the buggy with Charlie to So. Acton where I wanted to collect a few specimens from the plants I collected from last May 14. It was a lovely drive, past the Prison and straight on to So. Acton. We were gone some 3 hrs. Noticed *Asclepias* & *the obtusifolia* by the roadside. The *Lilium Canadense* & *Philadelphia* are just coming out. *Ceanothus Americana* is very abundant throughout this region.

*Salix tristis*, Nutt.

From the very same locality as the specimens coll. last May 14. This dwarf willow covers the fields where I coll. these specimens in large patches somewhat like the *Wound Juniper*.

*Quercus ilicifolia*, Wang.

" *tinctoria*, Bartr.

From the same tree & shrub as the spec.s coll. last May 14 -



~ 1887 ~  
 ~ July 7 ~  
 ~ Concord - Mass. ~

A beautiful day, clear & cool - Went to Mr. E. S. Hoar's this A.M. with W. to see a humming bird's nest with young.

To Ball's Hill this P.M. with W. & Mr. H. Beautiful fall - Never saw the river look more attractive - Wandered about the marshes at the Hill - *Pogonia oph.* & *Carex monile* in great abundance - Nothing new - Returned by 7 P.M.

*Carex aperta*, Schk. fide L. R. Bailey, Dec. 19-1887 ~

Low ground near the river at the foot of Ball's Hill -

~ July 8 ~  
 ~ Concord - Mass. ~

A clear day with breeze - Sun hot - Cool in the P.M. This A.M. W. & I drove to So. Acton and visited the *Xanthoxylon* and the *Quercus tinctoria* of July 6 - Mr. pro-nounces it sure *Q. tinctoria* - In the P.M. we drove down through Lincoln into Lexington where W. showed me a remarkable Elm Tree with twisted branches - Chestnuts in full flower. Black Birch in abundance - Beautiful views. Came home by Sandy Pond - Have driven nearly 30 m. to-day -



~ 1887 ~  
- July 9 -  
~ Concord - Mass. ~

29

A cloudy day, Thunder in the P.M., rain in the evening. This A.M. W & I drove to Sandy Pond and spent some 2 hrs there by the Boat-house some 5 min. walk from the road while the house was being shod. By the Boat-house is a grove of some 2 dozen trees of *Quercus Prinus*. They were of various sizes, the largest being  $53\frac{1}{4}$  in. in circumference 2 ft from the ground and at least 50 ft high. We took home some seedlings. There were a great many Black Birches all around in the woods some of them good sized trees. Carroll met us and we got home in time for dinner. A. A. Purdie came up this P.M. We went up the North Branch above Sibalton. Cool and quiet. Changed blotter this evening. I have found nothing to put in press for the past two days. We found several clumps of *Bellandra* on the North Branch.



~ 1887 ~

~ July 10 ~

~ Concord, Mass. ~

Woods of Blue, Torr.  
 Rocks. Martha's Point. But one plant seen.

A bright pleasant A.M. Showery P.M.  
 A. Rindri, W. & I started up in the river  
 at 11 A.M. in the two boats. Sailed part  
 of the way. Landed at Martha's Point  
 and lunched. It caught in a very  
 heavy Thunder Shower, but by using the  
 sails for protection, we managed to  
 keep pretty dry. Then proceeded up  
 across Fair Haven Bay, and about a  
 mile beyond. River banks beautiful  
 and picturesque, lined with Cephalan-  
 thus, Roses, ~~Juncus~~ Scirpus validus,  
 Pentstemon, Nuphar, Adonis & Kalimeris  
 Nymphaea. In Fair Haven Bay found  
 Ranunculus multifidus fruiting in great  
 abundance. Landed at the Bay and  
 went into the woods towards the cliffs  
 to hear the Hermit Thrush, rare about  
 here. Heard 3 of them. Beautiful note.  
 Landed at Martha's Point again, es-  
 cape a heavy shower. Beautiful sunset.  
 Got as far as Mr. Hoar's Boathouse on our  
 return, before the rain again overtook us.  
 Got into the Boathouse and staid there for  
 one hour in the dark. Then made for home  
 reaching the boathouse at the Moore  
 at about 9-30 P.M. Were glad of  
 a hot supper.

Ranunculus multifidus, Pursh.

Fruit - Fair Haven Bay -



- 1887 -

31

- July 11 -  
- Cambridge, Mass. -

A rainy, muggy day. We left Concord to-day by the 9:57 A.M. train. Have spent the day getting ready for Nantucket. I am drying my Concord collection as quickly as possible. See L. H. Bailey, Dec 20, 1887. *Ectopha bignonioides*, Walt.

Waterhouse St. in Miss Ware's front yard -

Have received letters to-day from Churchill, Kennedy, Lloyd & Bailey -

- July 12 -  
- Nantucket, Mass. -

We left Cambridge this A.M. and took the 1 P.M. train at the Old Colony Depot, arriving here at 6:30. The weather was clear and cool and the sea smooth. Mr. Morong met us at the wharf and directed us to our boarding house, Mrs. Temple's, Pearl St. My cousin Edward Gray came with us. After supper, Mr. M. called and we arranged a trip for to-morrow to Miacomet Pond.



- 1887 -  
 July 13 -  
 - Haverhill, Mass. -

A clear hot day. Mr. Moring and I started off by 9 A.M. and walked to Miacomet Pond where we met a man with the boat Mr. M. had engaged. We found a place to launch it among the Typhas that line the shore and then I rowed Mr. M. entirely round the pond while he used his rake searching for aquatics. He found the pond singularly free from plants of all kinds. Potamogeton perfoliatus and Ceratophyllum we found considerable of. We lunched by the pond under the shade of an icehouse with a fine view of the moors stretching out before us. We walked back home and Mr. M. showed me the Erica tetralix & Calluna which was springing up among the introduced pines south of the town. Reached home by 4 P.M. I went to Mr. Plancher's in the evening and Mrs. Owen gave me a number of plants.

See Mr. T. M. M.

{ Potamogeton perfoliatus L. narrow leaved form.  
 Ceratophyllum demersum L.  
 Vallisneria spiralis L. young plant. }

Miacomet Pond.

Bromus sterilis, L. Roadside, in the town. Pleasant St.

Polygonum Perficaria, L. }

" Hydrophyllum, L. }

Shore of Miacomet Pond.

Ligustrum Bermudiana, L. Moors -

Erica tetralix, L. Among pines -



- 1887 -  
- July 14 -  
- Nantucket, Mass. -

33

A clear day, with cool breeze. This Am.  
Mr. M. & I took the little steamer at 9 o'clock  
and went up to Wauwinet which we reached  
at 10 o'clock after a most refreshing sail. We  
walked over the beach to Cockata Pond, which  
we went entirely round. The shore is quite  
open and the pond has mostly a white sandy  
beach. Mr. M. was rejoiced to find a very fine  
*Chaca crinita* var. *leptocarpa*. He found it  
growing from the shore to 3 ft. in depth and it  
grows round the entire pond. *Pot. pectinatus* &  
*Ruppia* are in profuse abundance. There are all  
we found in the pond. We went some distance  
beyond the pond, nearly to the Life Saving  
Station and had a pleasant talk with the  
keeper. Found the *Opuntia* abundant  
among the Cedars. Returned to Wauwinet  
and found that Mr. M. and my cousin had come  
up in the steamer. We all went back to-  
gether. In the evening we went to Mrs.  
Matthew Stavours where Mr. M. is staying  
and spent a social evening talking and listening  
to reading by the various members of the family.

Side 1. morning

*Chaca crinita* Wasmann. *leptocarpa*, A. B. Wasmann.  
Cockata Pond. Very abundant.

*Potamogeton pectinatus*, L.

Fruit. Piled in windows on the shore - Cockata Pond.

*Typha angustifolia*, L.

*Juniperus Gerardi*, Loisel.

*Viburnum molle*, Mx.

*Opuntia*

Cockata.

among Cedars in sand -



~ 1887 ~

~ July 15 ~

~ Nantucket - Mass. ~

A beautiful day, clear and cool -  
 At 9 A.M. Mr. M. & I drove in a carriage  
 with Mrs. Owen and a friend of hers on the  
 Sciasconset Road to the 6<sup>th</sup> mile stone where  
 we left the vehicle and pushed south over  
 the moor by Philips Run to Tom Neve's  
 pond. *Thurnium molle* is abundant and is  
 very handsome, covered with its white flowers.  
 There were too many ticks for comfort.  
 We walked quite round the Pond and found  
 absolutely no *Phacelium* plants. On the  
 sandy shore we were delighted to find the  
*Utricularia subulata* which was quite new  
 to me. We were picked up here by our  
 friends and taken along the shore for a  
 short distance. Found *Carex* but took  
 none, as it was in no condition. We walked  
 along the track near the shore exploring the  
 small ponds by the way as far as Low Tide  
 finding not very much. Mr. M. makes a sketch  
 of the contents of each pond. One was choked  
 with *Ruppia* & *Boerhaavia pectinatus*. At Low Tide took  
 the train home reaching town at 4:30 P.M.

*Utricularia subulata*, L. }  
*Drosera filiformis*, Raf. Bud. }  
 Shore of Tom Neve's Pond.  
*Ruppia maritima*, L.  
 Pond. Form w above the spathe.  
*Tephrosia Virginiana*, Pers.  
 Moors.



~ 1887 ~

~ July 16 ~

35

Nantucket - Mass. ~

A beautiful day with a breeze.  
This A.M. Mr. M. & I went over the salt-  
marshes on the bay and explored the various  
creeks. The Typhas are very abundant and  
we found a form that it is hard to say  
belongs to *T. angustifolia* or *latifolia*. The water  
came in time for dinner. This P.M. Mr. M.,  
Mrs. Starbuck & Mrs. Green called and we all  
went over the Citharaeum and saw many  
interesting curiosities. Saw of a *Sperm-*  
*Case* &c. Mr. M. & I then walked down to  
the Nantucket Hotel and on the beach found  
some fruiting *Zostera*. That is the plant that  
the tide tosses up on the beach with its  
long ribbon-like leaves. Home to tea.

July 17. Morning

*Botanocyon pulcher*, Tuckerm.  
*Brasenia peltata*, Bursh.  
*Glyceria aquatica*.  
*Chara Nitella flexilis*, Ag. Tide T. F. Allen.

Small pond at the junction of Orange St.  
and the R.R. crossing.

*Typha latifolia* L. pollen grains 4-celled.

Abundant by the R.R. track near the salt-  
marsh by the bay. This form was growing  
with the typical *T. angustifolia*.

*Zostera marina* L.

Tossed up on the sea beach near the  
Nantucket Hotel.



~ 1887 ~  
 ~ July 17 ~  
 ~ Nantucket - Mass. ~

A beautiful day, clear till the middle of the P.M. when it clouded and began to rain between 5 & 6. Warm Am. - Cool P.M. I staid in my room this Am. read and changed my blotter. This P.M. I got a horse & buggy of Capt. Rule near by and M. & I started out for a drive. We took the Siasconset Road as far as Bloomingdale and then took a road South to Tom Nevers Pond. On this road which turns in just west of the house on the right of the road next beyond the white house on the hill on the left, I found the *Schwalbea* abundant. I knew it was somewhere in this locality and I was delighted to see it for the first time growing. At Tom Nevers Pond, I got a few specimens of *Utricularia subulata* which I put immediately into a book. We drove back from the Pond over the Moors in a no. westerly direction and came into the Siasconset Road at the Cat Agricultural Grounds. Home to supper. This evening we called at Mrs. Starbuck's. I have arranged a trip to Bodys with Mr. M. for to-morrow if pleasant. It rains hard now.

*Schwalbea Americana*, L.  
 Moors. Bloomingdale.  
*Utricularia subulata*, L.  
 Shore of Tom Nevers Pond.



~ Nantucket, Mass. ~

A glorious day, cloudy and cool. Mr. May & I started off at 9 A.M. with a horse and buggy and drove through Luais, Bodpis, Lquam, Sachacha, and Luidet. He constantly left the horse tied to a fence, in order to explore some pond or bog. The *Typha angustifolia* which is the only species that we can find is excessively abundant and assumes the most remarkable forms, being as large as the *T. latifolia* and again as small as a slate-pencil. We drove round Sachacha Pond and found the *Ruppia* piled up in winrows on the beach. We reached home at 5 P.M.

*Typha angustifolia*, L.  
*Juncus articulatus*, L.  
*acuminatus*, Michx.  
 var. *legitimus*, Engelm. } in sand.  
*Iris Virginia*, L. (fruit)

Low ground Quercus Podpis  
(Parya tomentosa, Nutt) Podpis 10 ft high.  
Border of bog. Quercus - Saw two trees.

*Truncus bufonius*, L.  
" *acuminatus* Mx., var. *legitimus*, Engelm. Fide T. Moore.  
*Eleocharis palustris*, R. Br.  
*Rumex maritimus*, L.  
*Boehmeria cylindrica*, Willd.

Sandy shore of Lachacha Pond -

*Typha angustifolia* L. Bog by Lachecha Pond.  
*Quosmodium* *virginianum*, Dr. Moors near Lachecha Pond.  
 Low some dozen clumps.

*Rotamogeton Oakesianus* Robbins, Prod in Quail-

*Limnospila aquatica*, L., var. *tenuifolia*, Hoffm. Sackb. Nord.  
*Peracleum canotum* Michx. - Sackb. a -

File T. Marney.



~ 1887 ~  
 ~ July 19 ~  
 ~ Nantucket - Mass. ~

A beautiful day, light clouds and a cool breeze - Mr. M. & I started off by 9:45 A.M. with horse & buggy - I never enjoyed a day's drive more. We went through Quaker and Wauwinet to the Wauwinet Farm about  $\frac{1}{2}$  m. from the steamboat landing where we stopped and had our lunch and feed the horse. Then we went south on the road nearest the sea, exploring the little ponds on the way, to Luidwet.

There we hired a boat and went out on Sackache Pond, which has in it nothing but Ruppia & Potamogeton pectinatus. Then we went on to Sankaty Light and went up in the Light House. Magnificent Light and View - Saw the sea from Luff side east, round to Nantucket -

The land there is 100 ft. and a steep cliff, almost perpendicular rises from the beach below. There is but one point on the island one of Paul's Hills that is 2 or 3 ft. higher. Returning home we took a road leading directly west from the New Sconset Road, opposite the Light and had a beautiful drive through the heart of the pl. past Gibbs Pond, coming out by the Bug Light on the road to Wauwinet.

Mr. Moring says that these rolling moors remind him very much of Iowa where he used to live, the soil however being of course different. The Light House Keeper told us that a Scotchman



so recently visited the right, said that these  
moors reminded him of Scotland more than  
anything since he had left home - Mr.  
Murray raked on the shore of Gibb's Pond, but  
got nothing. It has a clean sandy bottom  
and most of the way round a sandy beach -

We reached home by launch after 6 P.M.

This evening after fixing my plants we called  
at Mrs. Starbuck's. Mrs. Owen leaves for Spring-  
field on Thursday - Mr. Murray for Ashland on Friday.

We are off to-morrow by the 12-30 boat for home -

*Scutellaria galericulata*, L.

*Juncus articulatus*, L.

Poplar Quaise - Sand -

*Potamogeton Oakesianus*, Robbins

Small Pond - Wauwinet - Side T. Morong -

*Typha latifolia*, L.

*Quercus obtusiloba*, Mx

*Plantago lanceolata*, L.

Wauwinet -

*Marrubium vulgare*, L.

Roadside - Wauwinet -

*Hudsonia ericoides*, L.

Fruit, Moors

*Carex hirsuta*, Fries.

Side of Bailey's farm, spec. sent  
him growing with these - July 24-1887.

In pure sand. by Gibb's Pond.

*Galium pilosum*, Ait.

Moors between Gibb's Pond and Nantucket.



~ 1887 ~  
~ July 20 ~

- Cambridge Mass. - July 18. -

A very cool day. Spent this A.M. getting ready to depart for home. We took the 12-30 boat and had a most delightful sail to Wood's Hotel. Then by train home - Reached the house by 3-15 P.M.

*Epilobium ciliatum*, L.

Flowers coll. in waste places in the town. This plant is abundant in all waste & vacant spots in the towns. I have seen it growing between the sidewalk and the street. It attains the height of at least 6 ft. I have also found it in low ground in the heart of the Island. It takes on a beautiful color when in full flower, as it is just now.

- July 21 -

- Cambridge. Mass. -

Cloudy with some rain. Have been busy to-day with my plants. Pruned my Concord collection, some plants from Mrs. Allen and some of my Nantucket plants. Changed the sitters of my Nantucket plants. Labelled my Concord & Nantucket collections.



1887  
July 22 -

41

Cambridge, Mass -

Busy to-day with my plants and with  
packing for Montague where we go to-morrow.

July 23 -  
Montague - Mass. -

We took the 11.35 A.M. train from the  
Fitchburg Depot. Met at the Station  
Mr. & Mrs. J. K. Churchill and child, Miss  
Wassling and a friend of theirs. A ride of  
4 hours through several thunder storms  
and it was here. We are staying at  
Mr. Joseph Fuller's about 1 1/2 m. from the  
Station. Montague is beautifully situated  
in Franklin Co. and is bounded on the west  
and north by the Green River. We are  
between 3 & 4 m. from the river. From our  
South window we can see Mt. Toby rising  
above the trees. The Mt. lies in the town-  
ship of Sunderland. The best upper room  
in the hotel was seen given to Mr. Churchill  
& me for our plants and it will be of  
great service. The rest of the household  
consists of Mr. & Mrs. Joseph Fuller, Mrs.  
Leath Fuller, Mr. & Mrs. Crawford of Champaign, Ill.  
& a niece, also Miss Rice. Prof. C. is instructor in  
History & Languages at the University of Ill.  
Mrs. C. is a daughter of Mr. Fuller. It rained  
so persistently after our arrival that we all  
kept the house.



1884 -  
 July 24 -  
 - To the river -

Rain! rain! rain! It has poured incessantly all last night and to-day with occasional lulls. In a short time. During one of these this morning Mr. Crawford, Churchill & I walked down the road to see where the Saw Mill River, which is a brook that crosses the road twice between here and the station emptying into the Conn. River, had overflowed its banks and flooded the road and fields. It was a sight. I went on with Mr. Crawford some distance and had a fine view of the Conn. Valley. Directly west over the river and behind a range of hills lies the town of Deerfield by the Deerfield River. North of Deerfield and also concealed by a range of hills lies Greenfield. It poured in torrents before I reached home and I got pretty wet. Before dinner I got my botanical apparatus into our working room. Mr. C has bought a hammock there. Spent the P.M. writing & reading. Music in the evening -  
*Silene coronopifolia*, Pers.

An escape, sandy soil, growing at intervals over a piece of ground in the town. Very handsome -  
*Pycnanthemum muticum*, Pers.

Roadside  
*Curtia gracilis*, Ait.

[reestablished for several years.]

Roadside. Whole plant over 5' high. Leaves fallen off below the part I took.



- 1887 -  
- July 25 -

43

~ Montague - Mass. ~

The sun at last! A most beautiful day,  
a cool breeze, with light clouds. The ground  
is well soaked with water after the late  
disastrous rains and even the pasture slopes  
are wet, and spongy under the feet. M. C.  
& I took a walk this A.M. on the R.R. track  
just east of the house. We walked north for some  
half a mile and then followed the road up  
Dry Hill Brook for a short way. We made a very  
nice collection of plants. I was delighted to see  
for the first time *Collinsia* in flower and  
*Anemone cylindrica* & *Bromus Kalmii*. Home to  
dinner. Dinner over we put our plants in press  
and then strolled into the woods back of the house  
following up the brook. Everything very wet  
Home to supper. Evening cool and beautiful.

*Anemone virginiana*, L. } Both abundant by the track. A. Virg.  
" *cylindrica* Gray } in flower. A. cylin. in fr., no fl. ~

*Bromus Kalmii*, Gray. Dry ground by track abundant in a locality.

*Eriogon strigosus*, Muhl. (var. *discolorus* Robbins). by track.

*Eriogon pectinacea* Gray, by track in sand. Abundant.

*Collinsia canadensis*, L. Roadside in shade. Plant 4' high.

I kept the top & 2 pair of leaves. The larger pair in the middle  
of the plant, the smaller at the bottom. Kept the stock too.

*Galium circaezans. pilosum*, Ait. }

*Circaea Lutetiana*, L. }

*Thaspium aureum*, Nutt. }

*Aster macrophyllus*, L. }

*Galium circaezans*, Mx. }

*Asclepias quadrifolia*, L. }

Roadside.

Shady woods ~



~ 1887 ~  
 ~ July 26 ~  
 ~ Montague - Mass. ~

A muggy day, light rain in the A.M. fair in the P.M. Miss Churchill Crawford & I walked down the road as far as Spaulding's Brook which we followed up for some distance. The road is quite impassable as yet for waggons owing to the washouts. We found some interesting plants among other and new to me were *Celastrus* *Olinopodium* & *Desmodium rotundifolium*. Home to dinner, pretty wet. This P.M. I played 2 sets of tennis with Mr. Crawford. *Vaccinium Pennsylvanicum*, Lam.

A peculiar form by the roadside, not common here.

<i>Comandra umbellata</i> , Nutt.	}
<i>Asclepias physaloides</i> , Pursh.	
<i>Celastrus Olinopodium</i> , Benth.	
<i>Desmodium rotundifolium</i> , DC.	

Roadside ~

*Polygala pauciflora*, Willd.

Woods - with cleistogamous flowers.



~ 1887 ~

~ July 27 ~

~ Montague - Mass. ~

45

A bright, sunny day. Very hot. This A.M. Mr. Churchill & I drove 3 m. to the ferry and were ferried over the Conn. River, with Mr. Crawford & niece. We then walked over the hill into Deerfield a distance of 2 miles. Most of the way was through the woods. I never saw the *Desmodium* in such abundance, the species *nucleatum*. Our object in going to Deerfield was to hear Mr. J. Winsor lecture on Major Andrie (he reached the Hall just as the lecture began and were much interested in it. Mrs. & Miss Winsor were there. We lunched at a small place by the Post Office and then went to Mr. Lincoln's house where we stayed some little time. Then to Memorial Hall where we saw many relics of colonial times and of the disaster of 1703-4. Met the Winsors there. Then we walked back slowly to the Ferry and, after crossing, were driven home. Got some plants new to me — Home by 7 P.M.

*Eragrostis poaeoides*, Beauv. var. *megastachya* Sw. = *E. major*, Host;  
In cultivated ground. Deerfield

*Leersia Virginica*, Willd.

Tall form, roadside, in deep woods. Short form roadside.

Main street - Deerfield.

*Crotalaria sagittalis*, L.

In grass - graveyard - Deerfield.

*Hasturtium sylvestris*, R. Br. Banks of Conn. R. Montague.

*Cenchrus tribuloides*, L.

Cultivated ground - common - Montague.

*Islepis tuberosa*, L.

Wild - graveyard - Montague ~



- 1887 - Montague - 1887 -  
Mass.

July 28 -

A bright, sunny, warm day. Being rather tired I staid about the house to-day, reading writing and fixing my plants. Have had letters lately from Bailey Mrs. Given, and Mr. Moring. I took a short stroll just before tea. Mr. Churchill went off both in the A.M. & P.M. but brought little back -  
*Asplenium nudiflorum*, DC.

Woody slope -

Montague - Mass. -  
- July 29 -

A very warm A.M., light breeze, heavy thunder storm in the P.M. This A.M. Mr. Churchill, Mr. Crawford & I walked down to the foot of Mt. Toby by the road and rail road. Distance 3 m. Gallies in the woods very great. Drank from a very cold spring at the foot of the Mt. Toby is 1100 ft. high and consists of a number of rounded peaks, with hollows between, some 4 m long & 2 m. wide. It is heavily wooded. We hiked but a few minutes to botanize at the foot. Reached home at 1.30 very hot. In the P.M. wrote & changed blott  
*Asplenium ebeneum*, Ait.

Rocky bank - roadside - Montague -  
*Uoulaea perfoliata*, L.

In sand, by R.R. track - Sunderland.

*Mitella diphylla*, L. - to show dehiscent capsules } Rocky  
*Trillium erectum*, L. - fruit - } wood,  
*Urtica hirsuta*, Scop. - fruit - } Mt. T.  
Leverett



- 1887 -  
- July 30 -  
- Montague - Mass -

47

A warm day, breeze +89° in shade. Very foggy this Am. It gradually cleared up. This Am. Mr. Churchill, Mr. Crawford & I drove down to Mt. Toby. Mr. Fuller drove us down. Reached the foot of the Mt. by 10-15. We then spent the day, botanizing on the Mt. and walking to the top. The streams are quite full and very beautiful. Ground quite wet. The haze in the air prevented much view from the top. We saw the Conn. River winding along between Sunderland & Deerfield. Sugar Loaf Mt. rises very abruptly from the plain. Mts. Holyoke, Tom & Graylock and plainly visible in clear weather. We lunched by a cool stream not far from the summit. Returned to the base and met the wagon at 5-30 Pm. and drove home -

*Clematis verticillaris*, DC. }

*Gerardia quercifolia*, Pursh. }

Woods - Mt. Toby - Sunderland -

*Gaylussacia resinosa*, T. & G.

Open field, Leverett.

*Camptosorus rhizophyllus*, Link.

On moss-covered rocks, at foot of Mt. Toby, Leverett. Abundant in a limited area.

*Bistorta*

Woods - Mt. Toby, Sunderland.



[illegible]



~ 1887 ~

Aug. 1 -

~ Montague, Mass. ~

Hot day - no rain -  $90^{\circ}$  in the shade - This A.M. Mr. C. M. Crawford, Charlie Fuller & I went to the "Hog Pen". It is some 2 miles in the deep woods, east of the house and is a most remarkable formation. It consists of immense boulders which have broken off and fallen in such a way as to form a wall enclosure some 50 ft across. The walls are quite perpendicular some 20 ft high with a narrow opening at one corner. You can enter the "Den" from below by coming up through a hole in the rocks, and in a similar way you can get out at the top. It was cool and refreshing in the deep shade of the damp woods. To me it was a keep dry feet. Ground was moist and rocks to wade across everywhere. We made a very pretty collection of plants. Reached home by 1.30 P.M. Spent the P.M. arranging and analyzing plants & reading bed in the evening -

*Betula Lenta*, L.*Muhlenbergia Willdenovii*, Trin.*Calamintha* (*Cinopodium*. Benth.)

Woods -

*Desmodium paniculatum*, DC.*Marylandicum*, Boott.*Bartonia tenella*, Muhl.

Open field -

*Pyryma leptostachya*, L.

Growing in the "Hog Pen" We saw 4 specimens there and have seen none elsewhere -

*Parietaria Pennsylvanica*, Muhl.

On rocks just outside the "Hog Pen".



- 1887 -  
 - Aug. 2 -  
 - Montague, Mass. -

Rain pouring down, when I woke up this A.M. It ceased during the morning and the weather remained cloudy and threatening during the day. By 7 P.M. it began to come down again and it poured in torrents till late in the evening, when the moon came out. I staid in the house to-day. Arranged my plants, reed and made out labels - Have finished Repaction and am reading the Aug. Quarterly over books. Mr. Churchill took his family to drive this P.M. He went by Montague City across the river to Deerfield. He brought back *Cassia Marylandia* *Asclepias obtusifolia* (fr.) & *Gollinsonia* Can. I put some of the last two in press - Prof. Crawford went off yesterday on a trip into Vermont with some friends in a two-horse team.



- 1887 -

- Aug. 3 -

- Montague - Mass. -

51

Warm day - no rain - cloudy - This A.M.  
Mr. C. & I drove down to the Ferry with Miss  
Fuller & M. The ladies returned and Mr. C. & I  
hired a boat and spent the A.M. on the Comm.  
River, botanizing on the banks. The rowed up  
stream some half a mile, landing frequently  
and exploring the banks. The logs are coming  
down now in considerable numbers and one has  
to be on the constant lookout. The view up  
and down the river is very beautiful. The  
banks are lined with trees, elms, maples &  
and with shrubs. We crossed the stream and  
Mr. C. landed on the bank and explored a little.  
I returned to the Ferry and got a man to drive  
us home to dinner. In the P.M. arranged  
plants and read the Century. Read also in  
the evening - Moonlight -

*Elymus Canadensis*, L.

" " L. var. *glaucofolius*, Montague & Deerfield  
Gray.

*Boehmeria cylindrica*, Willd.

*Agrostis perennans*, Tuck.

*Echinochloa lobata*, T. & G.

Banks of Comm. River. Montague.

*Perophlaxia nodosa*, L. var. *Maidlandia*, Gray.

Banks of Comm. River - Deerfield.



~ 1887 ~  
 ~ Aug. 4 ~  
 ~ Montague - Mass. ~

A most beautiful day, cloudy, with cool breeze. This A.M. Mr. C. & I had a most delightful walk of 8 miles. We went as far as Miller's Falls 4 m. distant. Following the road running directly north some 3 m., we struck the Fitchburg R.R. track just before it passed under the New London & North track. At this point we found *Echinum vulgare* growing abundantly by the track in the loose sandy & gravelly soil. It has been established there for some years and we saw the young sprouts of leaves, making the 1<sup>st</sup> year of this biennial plant. The

Then went on and followed the New L. & North track to Miller's Falls a small town. Miller River runs through the place and flows over a dam, making a pretty fall of water. We came back by road, going through a very pretty piece of country, between Green Pond & Lake Pleasant, the latter a camping ground for Spiritualists. People live there for 3 months in the summer and, on special occasions, there are thousands of visitors who gather to hear some favorite Spiritualist (humbug) and have a good time.

After dinner I was ready to rest and take a short nap. Wrote letters this evening.  
*Echinum vulgare*, L.

By the R R track, Montague -  
*Helmodium Canadense*, DC.

Small piece in flower. Roadside, Montague.



~ 1887 ~

53

- Aug. 5 -

~ Montague Mass. ~

After a bright moonlight night, the morning opened most auspiciously. Clouds however soon arose and by 12-30 P.M. it began to rain and continued to do so with intermissions the rest of the day and evening. This A.M. the whole household started off with three wagons and lunch and drove to Deerfield 5 M. Luther Lincoln's by way of Sunderland. The views were very fine, especially along the east bank of the Conn. River. We crossed the bridge into So. Deerfield and rode close under the cliffs of So. Sugar Loaf. I saw on the height King Philip's Seat. We then drove north through So. Deerfield, The Bars, Mill Village & Wapping all in the Towns hip of Deerfield, to Deerfield. There we put up our horses and lunched at the Lincoln's. Mr. Churchill & I with rubber-boots & coat went down to the banks of Deerfield River and botanized along the shore for a couple of miles. Left Deerfield at 5 P.M. Drove north round the Mt. and took the Ferry home. Home in the rain before 7 P.M. I was delighted to find *Ambrosia trifida* a new plant to me, abundant along the river bank reaching the height of 8 ft.

*Ludwigia alternifolia*, L.

Swamp. So. Deerfield. Petals very caducous.

*Rudbeckia laciniata*, L. Meadow, abundant. Deerfield.

*Ambrosia trifida*, L., Bank of Deerfield R., Deerfield. Abundant.

*Apocynum cannabinum*, L.

Rocky & sandy shore of Deerfield R. Deerfield. Plants almost prostrate.

*Nicotiana Tabacum*, L.

Cult. Deerfield. We saw large fields of this.

Mr. C. found 2 specimens of *Polygonatum giganteum*, Ditr. Gave me one. My plant was from roadside - Deerfield.



~ 1887 ~  
 Aug. 6 -  
 ~ Montague - Mass. ~

Rain, rain all the morning. I staid at home, went over my plants. It cleared up this P.M. and Mr. Churchill & I took a walk up the Dry Hill road, going some two miles from here. We kept to the road as everything is soaking wet. The pleasure of seeing a new plant is always a keen one. This time it was *Polygonum Virginianum*, in wet springy ground near the road. We reached home for supper. Sat in the parlor in the evening -

*Polygonum Virginianum*, L.

Roadside - wet soil -

*Aster macrophyllus*, L.

Large leaves of young plants - Roadside.

*Scirpus Eriophorum*, Michx.

Roadside. With proliferous buds -

*Amphicarpaea monoica*, Ell

Roadside -

I dug up and brought home some root-stocks of *Collinsonia Canadensis*. I am told that they can be sectioned and polished like agate -



- 1887 -

- Aug. 7 -

- Montague, Mass. -

55

A glorious day, clear as crystal and very cool. Driving home from Sunderland this P.M. I wore my overcoat. This A.M. Mr. Churchill, Mr. Crawford & I started off in a two-seated team with a horse-horse. Ried from an undertaker and drove down to Sunderland Park. We went into Sunderland and then took a road east up the side of Mt Toby, a short way to some series of fine cliffs called the Park. There we stopped, fed the horse and ourselves and then spent the P.M. botanizing along the cliffs and enjoying the views. There is a beautiful cascade falling over one of the cliffs. We returned at 5 P.M. reaching home by 6-30. The atmosphere has been so clear that there have been most delightful views at every turn. The Cliffs was covered with ferns (*Glyptopteris fragilis* & *bulbifera*, *Polypodium*, *Cheilanthes marginale*, *Asplenium Trichomanes*, *Camptosorus rhizophyllus* &c. Thermometer 60° at 9 A.M., 55° at 9 P.M.

*Desmodium* <sup>*Dillenii* *Darlingii*</sup> ~~*rigidum*~~, *Her.* Roadside - Montague.

*Carex adusta*, Bott. = *C. argyrantha*, Tuck. *Field L. Bailey*, Dec. 19-1887.

*Adiantum cicutaria*, Raf.

*Crabris virgata*, Scop.

*Chenopodium* *serotinum*.

"Park" Rocky ledges - Mt. T. by - Sunderland -

*Rubus odoratus*, L., Sunderland - "Park".

*Rhus copallina*, L.

Roadside - Sunderland - "Park"

*Polypodium vulgare*, L.

Rocks - Roadside, Sunderland.



~ 1887 ~  
~ Aug 8 ~

## ~ Montague - Mass ~

In the rocks at Poet's Seat we found the  
*Arenaria stricta* growing in great abundance.  
 It was even past fruiting

A most perfect day, clear and cool, without a cloud. This A.M. Mr. Churchill Mr. Crawford & I took the 9.46 train for Greenfield. From there, we walked to Poet's Seat which is the top of a hill, near the town called Rocky Mt. Distance some 2 miles. From a tower on the summit, a most beautiful view is afforded in every direction. Greenfield, Deerfield, Montague, Montague City, Turner's Falls were spread out before us, with the Conn. River, winding peacefully through the landscape. Here Mr. Crawford left us. We then followed the ridge south, through the woods botanizing on the way to Deerfield River. Lunched by a cold spring under the shade of a rock maple. I never saw a more beautiful grass than the *Elymus* (am. var. *glaucofolius*), growing by Deerfield River, with its long gracefully drooping spikes. We crossed the river and walked to East Deerfield where we took a train (5.02) to Montague. Reached home by 6.15 P.M. In evening with my plants. We also played games in the dining room.

Walked 7 miles to-day -

*Elymus Canadensis*, L. var. *glaucofolius*, Gray.

6 ft high - Bank of Deerfield R. Cheapside - Deerfield

*Stiphylea trifolia*, L. Woods " "

*Parietaria Pennsylvanica*, Muhl. Among loose rocks, " "

*Gnaphalium Helianthum*, L. Wet ground. Open field " "

*Viburnum acerifolium*, L. Roadside. Greenfield -

*Cyperus filiculmis*, Vahl. Rocky Mt. "Poet's Seat" " "



- 1887 -

- Aug. 9 -

- Montague - Mass. -

57

A clear, beautiful day, rather warm in the sun. I have not been off botanizing to-day. This A.M. M. & I went down town and I went to a garden near by and got some *Hibiscus Trionum*, which I had noticed yesterday. It is an escape in places. It seems in this garden to have been relegated to the fence row & even to have escaped to the gutter. On our return I changed my blotters and then spread all the others in the sun on the grass and after dinner changed the blotters again and spread the others in the sun. The weather has been so damp that it has been hard to dry plants. Wrote & read this P.M. Have written to Mr. Moray & Kennedy, to-day in answer to letters received -

*Hibiscus Trionum*, L.

Fence row & gutter by a garden. Escape.



~ 1887 ~  
 ~ Aug 10 ~  
 Montague Mass.

A cool day, cloudy - This A.M. M.C. #9 got a horse & buggy and drove to Cheapside, Deerfield; going by way of the ferry and river road. Air delicious. We put the horse up in a shed and then followed the Deerfield River down for some distance beyond Pine Hill botanizing on the way. We then struck into the North Meadows as far as a small pond and then retraced our steps and drove home as we came. We found little of special interest on the river bank. *Cyperus phymatodes* was abundant. The banks are muddy in places, and stony in others. The views are very pretty. We met some boys fishing. They had caught a number of good-sized bass. The glaucous variety of *Elymus Can.* was prominent at intervals. The Ostrich Fern grows in great luxuriance along the shore and in places back in the field.

Reached home by 2.30 P.M. After dinner arranged plants. Company in the evening.

We played games with prizes -

<i>Vicia Cracca</i> , L.	}
<i>Solidago serotina</i> , Ait, var. <i>gigantea</i> , Gray	
<i>Polygonum Convolvulus</i> , L.	

Bank of Deerfield River, Cheapside.

*Najas flexilis* Roth. (Fide T. Munn. Sept 12-1887)

Gravelly pond 1½ ft. of water, in No. Meadows, Cheapside.

*Cheapside, Deerfield*  
*River Bank, Deerfield*  
*T. & R.*



- 1887 -

- Aug. 11 -

59

~ Montague - Mass ~

A cloudy foggy day with rain all the P.M. accompanied by thunder and lightning. Being rather tired, I staid at home to-day, busying myself with my plants and with reading and writing. Drove down town with Mr. Fuller & Mr. Churchill. The latter took the train to West Deerfield and walked over to the "Bars" and from there drove to Sunderland Park with Mr. P. Fuller and walked back home, getting home by 8 P.M. Miss Ruth Fuller painted on one of my blotters the *Hibiscus Lyriacus*, L. <sup>Hibiscus Lyriacus - about 15 in. I shall have it framed.</sup>

I secured flowering specimens of this plant in the town from a garden, owned by Mrs. Delano. Also young fruit.

- Aug. 12 -

~ Montague - Mass ~

A bright-pleasant day, cool breeze. This A.M. Mr. C. & I drove down to Cranberry Pond by Mr. Toby and roved out over it. Found nothing to collect. *Rhus venenata* very abundant. This P.M. we went up to the pasture back of the house and got a few things. Packed my botanical stuff before tea.

*Vaccinium stamineum*, L. }  
*Rhus copallina*, L. }  
*Polygala verticillata*, L. }

Pasture -

*Aspidium marginale*, Swtz.

*Kalmia latifolia* L. <sup>Roadside.</sup> Open woods.



- 1887 -  
 - Aug. 13 -  
 - Cambridge, Mass -

A clear, cool day. It has been a more beautiful day reminding me of last Sunday Aug. 7. We all left Montague this A.M. by the 11-22 train Fitchburg R.R. Reached Boston by about 3.30 P.M. (train due 3 P.M.)

We passed all the washouts between Miller's Falls & Erving. They extended for about 2 miles. The iron bridge over Miller's River, but 5 yrs. old, had gone down and a temporary wooden trestle is erected. The ruins of the bridge are seen in the river. Reached home by 4.30 P.M.

This evening, I put my Concord Plants and sundry others in the mounting box and changed the blotters of my Montague Plants. Evening very cool. Went up to mother's. Found a package of plants here from C. R. Barnes.



- 1887 -  
- Aug. 14 -  
- Cambridge - Mass. -

61

A clear, cool day - I have been very busy, botanically - Mounted the plants in the box, 53 sheets. Poisoned all the Mammocket collection. Finished labelling the Montague plants, 45 labels. Packed with M. this P.M. to the Botanic Garden. Fine show. Have written to Bailey, Kennedy, McCarthy, Miss Reading. McCarthy sent me fruit of *Dionaea* early in July and I want a label.

- Aug. 15 -  
- Cambridge, Mass. -

A clear day, comfortable. Have distributed the sheets mounted yesterday. Have put into the box the Mammocket plants mostly. Did some work at the College Library and Gray Herbarium for Lloyd & Henshaw. Went in to the Museum this evening, with M. *Hibiscus militaris*, Cav.  
Botanic Garden

- Aug. 16 -  
- Cambridge, Mass. -

A clear day, some clouds. Poisoned a large part of my Montague plants. Mounted 44 <sup>sheets</sup> of the Mammocket plants.



~ 1887 ~  
 ~ Aug. 17 ~  
 ~ Cambridge - Mass. ~

A clear, cool day - distributed my Nantucket sheets & 44 sheets. Put about 50 sheets of the Montague plants in the box. Went to the Garden this P.M. and saw Mr. Watson who has just returned from N.Y. where he attended the Ass. Meeting. He returned my *Pennisetum* & *Travis* which he has been revising.

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~ Aug. 18 ~  
 ~ Cambridge - Mass. ~

A rainy day - Have mounted 40 sheets of the Montague plants and this evening have distributed them in my herb. Have put some 50 sheets in the box. Have prepared more Montague plants. But few are now in press.

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~ Aug. 19 ~  
 ~ Cambridge - Mass. ~

A pleasant day - Fair. Have been only to-day for part of the time getting ready to go to York Harbor, Me. to-morrow. Mounted 44 sheets of Montague plants.

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— 1887 —

— Nov. 20 —

— York Harbor, Me. —

63

A cool day, cloudy, Thunder storm in the  
p.m. and almost cold at York Harbor —  
I distributed my yesterday's mounting this A.M.  
We went to Boston in time to take the  
1.30 train (Eastern Depot) for York Harbor.  
Changed at Portsmouth to a train that has  
been running for only a fortnight between  
Portsmouth and Union Bluffs (York Harbor &  
Beach R.R.) — Reached here at 3.50 —  
We are staying at a cottage with Messrs  
S. & M. Cushman and have a nice room on the  
second floor — York river widens into a harbor and  
the village of York a little west of here is  
very old (1624) — A pretty beach is a few  
minutes' walk from the house — Brown Pt. is  
east of us — We take our meals at another house.  
Mrs. E. Dodge is here. It has been almost cold  
this evening and we have sat in the parlour  
with a log fire — As we left Boston  
I saw the *Linaria vulgaris* growing in  
greater profusion than I had ever noticed  
before in wet ground near the Fitchburg  
Crossing — The ground was yellow with it.



*Penotheca bicolor* L.

*Redum Telephium*, L.  
Roadside.

— Aug. 22 —  
— York Harbor Me. —

*Mertensia maritima*, Don. 54 (See Aug. 25)

A cluster of at least 36 pine plants in the sand and among the stones at the head of the northern end of York Beach, opp. Hotel Bartlett. Young forest.



~ 1887 ~

65

~ Aug. 23 ~

~ York Harbor, Me. ~

Rain! rain! rain! Windy - cold & chilly -  
& most disagreeable day. This A.M. I  
ironed my *Sedum telephium* which I am  
trying to dry quickly so as to keep the leaves  
on. I ironed it yesterday & M. wrote letter  
to Mr. Churchill, Mary, Hastings & Mrs. Lewis.  
This A.M. I started off with rubber boots &  
coat for a walk. I went to Eastern Point  
and then followed the shore, round to Norwood  
woods which I partly investigated. Mean-  
while the rain which had held up for a while  
came down afresh, the mist and fog rolling  
in from the sea and I turned homeward  
walking in all between 2 & 3 miles -

*Polygonum Convolvulus*, L.

Grows on a bank close to the sea.

*Rudbeckia laciniata*, L.

Wet ground - Norwood wood - 5 ft. high.

This plant is quite abundant which I found it.

*Potentilla Denneyi*, L.

This most interesting plant grows  
among the rocks near the shore at Eastern  
Point in considerable quantity. It has almost  
gone by now, but a number of the akenes  
are still clinging to the receptacle -



- 1887 -  
 - Aug. 24 -  
 - York Harbor, Me. -

Still a steady rain. I have not attempted to take a walk to-day. This morning I went to a concert at the Marshall House and heard some fine singing by Miss Todd & her. Marshall of Boston. It poured guns as we were returning. It is a walk of about 9 min. I read in the P.M. In the evening we went to a lecture by John C. Ropes on Gettysburg. at the Marshall House. It was extremely interesting. No plants went into my Herb. to-day. Ground my Sedum this time.

- Aug. 25 -  
 - York Harbor, Me. -

The Sun at last! A beautiful day clear cool with light clouds. I took a walk this Am. through York Village to York Beach and up to the head of the beach. By Hotel Bartlett, I counted 54 plants of the *Mertensia maritima*, 50 of them being either contiguous or but a few ft. apart. Home by the road near East point. Distance in all over 6 m. Glorious bath in the sea before dinner. This P.M. I went to the Station expecting Mr. Kennedy who did not arrive. Read before supper.

This evening we went to a concert at the Harmon House. Walked on the beach afterward, moonlight, bonfire. I sowed *Sedum* once this A.M.

*Verbena urticifolia*, L., Roadside. Upper part & lower leaves - 4° 1/2°  
*Daucus Carota*, L. " "

*Nelumbo luteum* (Canadense), Michx. Open hillside -

*Mertensia maritima*, Don. Rocky beach - York Beach -



1887

67

Aug. 26

York Harbor, Me.

Theatricals at the Marshall House in the evening -  
Ground my feet in once -

A clear, cool day, with strong wind from the west. This A.M. I rowed across the harbor with Mr. Gray & children. We left the boat and went over to the rocks and spent the morning fishing! I started to botanize. The catch at home two dozen perch & potatoes. Home to dinner. This P.M. I walked up the shore of the river to the 2nd bridge and from there went north to York village and home. Mr. Tower drove me from the station - I find nothing new here, that is, nothing that I have not found before. All the sea side plants are here and they are always interesting. I noticed at the wharf where we took our boat *Zostera marina* in fruit. in great abundance. I shall get it at low tide. York Harbor at high tide very beautiful. There are more trees on the south side near the water than here. There is a hickory grove on Eastern Point. It has been like a fall day. I walked this afternoon and yet I was cool at the end. *Gerardia purpurea* is very abundant in wet places. *Cotyledon sanguinea* is everywhere. *Viburnum dentatum* is in fine fruit. In the large pond by the R.R. track, the wind has blown masses of *Ruppia* to the shore.

*Hieracium Canadense*, Mx. Fruit. Open field.

*Hedeoma Pulegioides*, Pers. Open pasture.



~ 1887 ~  
 ~ Aug. 27 ~  
 ~ York Harbor - Me. ~

A most beautiful day, clear and cool -  
 This A.M. I put on my rubber boots and  
 went through the swamp between the house  
 and Hotel Bartlett. The undergrowth is  
 very thick - Saw some *Nemophila*. The fruit  
 is very beautiful in that condition. A  
 slow-running brook was full of the *Rumex*  
*Britannicus*, L. - It took me some 15 min.  
 to get up from the mud its huge root-  
 stock. Saw *Minulus ripens* - Retained  
 some and then went down to the wharf  
 for *Nostera*. The tide was low and I re-  
 cured all I wanted of both fertile &  
 sterile plants. I measured one fruiting plant.  
 Fruit. It was 7 ft. 8 in. long - Sea Bath  
 before dinner. Water cold and bracing -

This P.M. I stayed about the house putting plants  
 in press &c. Wrote letters in the evening. Mr. Kennedy  
 whom I expected last Thursday, does not appear.  
*Rumex Britannicus*, L. (= *R. orbiculatus*, Gray of the Man. p. 420)

In a slow running stream of water. The  
 plants were growing in abundance from 5 to 6 ft. high.  
 Water about 6 in deep. Muddy bottom.  
*Cicuta maculata*, L.

4 ft. high: By a brook -

*Juncus marginatus*, Rostk.

Pasture land - damp ground -

*Nostera marina*, L.

In the Harbor by the wharves -

*Triplaris peruviana*, (Thunb. Indian.) - 4 1/2 in.  
 diameter



1887  
 - Aug. 2<sup>nd</sup> -  
 - York Harbor - Me. -

It has, with clouds, and, as it  
 rain for 5 min. this P.M. This P.M. Mr.  
 May & children, Miss E. Weld & myself  
 rowed over the Harbor and spent the morning  
 in a grove of White Pines. We lay on  
 the ground under the trees and chatted.  
 I thought of Burroughs' "Story of Mine"  
 in Signs & Seasons. It is so happy & well  
 & so in an unexpected thought -  
 Home to dinner. I gathered some *Tussock*  
 in dinner at the house. This P.M.  
 I wrote a couple of lines, studying the  
 entire structure of the creature -  
 I have put my results on paper with  
 them go on my sheet of *Tussock* in  
 a pocket. But I am to the rocks and  
 read Burroughs till any time. wrote  
 rather this evening. A nice letter on  
 Typha I am in. Morning, yesterday.



- 1887 -  
 July 24 -  
 York Harbor - Me. -

A glorious day, clear & cool with a S. E. breeze. Left the wharf in the 8:11. This A.M. I took a trip to Cape Meddick 11 miles. In the way I passed Long Island - reached it in 1 hr. 10 min. The walk along the shore was most exhilarating. I did not cross over to the "Mubble" a small island on which is a Light House. I found a cranberry bog near by the point and never saw such a quantity of *Eriophorum virginicum*. I gathered a large bunch of it which I shall take home. I was surprised to find *Urtica nemoralis* in the bog. There was a large patch of it in full flower. Reached home in time to take a bath before dinner. Warm delicious.

This P.M. after getting my plants in press. I rested. This evening called at Baker's Boarding House on Hal Kennedy and Mrs. Kennedy, his aunt. They go tomorrow. Mr. Kennedy cannot just yet get down at present. Fine & very fine chardons -

*Lagium nudicaule*, S. Meyer.

Among rocks, Cape Meddick.

*Urtica nemoralis*, Ait.  
*Liparis Loeselii*, Richard. }

In a cranberry bog. Cape Meddick.  
 There was abundance of the *Aster*.



— 1887 —  
 — May 20 —  
 — York Harbor, N. —

The day passed with rather heavy rain,  
 but the way during the morning.  
 On our way back. This P.M. I called  
 with Mr. on Mr. Clark & Mrs. & Misses  
 have a house on the cliff. Then took a  
 boat with Mr. Smith to some of the  
 islands. This m. I went through a  
 thin of the woods & swamps near the railroad  
 station. Saw many other birds and  
 saw birds. Saw nothing of special interest.  
 Saw many other birds and saw birds.  
 Tea. I spent the evening writing and reading.  
*Hydrocotyle umbellata*, L. }  
*Myrica carolinensis*, L. }  
 Hunt & Thore —



- 1857 -

- Aug. 31 -

- York Harbor, Me. -

A glorious day, clear, with fresh breeze, quite cool. This A.M. Mr. Gray & I sailed across the harbor and took a walk of some 4 miles going as far as Brown Point Harbor. Beautiful views of fine surf along the coast. Home in time to, rather before dinner. Weather cool and bracing.

This P.M. Arthur Nichols & I took a walk of some 4 miles going up along the river to the bridge and about a mile beyond on the other side of the river. We walked through the fields and woods. Home to supper. This evening, we spent at Mr. Gray's.

*Rosa lucida*, Ehrh.

Fruit, rocky beach -

*Spiranthes cernua*, Richard.

*Distichlis maritima*, Raf.

Salt-marsh. M & F fl. very abundant in

Separate patches adjoining -

*Polygonum arifolium*, L.

Wet ground, by shady brook.

*Phytolacca sanguinea*, L.

Posture, seeds from adjoining plants.

*Aster alba*, Bigel.

*Smilacina racemosa*, Desf. }

Seeds. Woods ~



- 1887 -  
- Sept. 1 -  
- York River - N. -

73

Summer is over and Autumn has begun with a most precious day, clear and cool with a light breeze. This Morn. I moved out some 3 1/2 miles up the river. It is a beautiful sheet of water at high tide. We passed a group of Canada-firches on the bank. We took advantage of the tide both ways and reached home in time for dinner. After dinner we drove with Miss W. & Miss Upham to Bald Head Cliffs in the town of York, some 9 miles up the coast not far from the line of Wells. It was a beautiful drive along the shore and in the country. The Cliffs are wonderfully fine, 90 ft. high and the surf was rolling in, grandly, tossing the spray at times from 40 to 50 ft. high. We returned home, most of the way, by moonlight. Bourn Pt. Light, Nubble Light, & the Shoals Light were in full view. Reached home to a 7-30 supper. Hieracium (canadense) is very abundant by the roadside and in the fields making bright yellow patches. I was much pleased to find, at Bald Head Cliff, the little *Sagina procumbens*, L.

Open ground, Bald Head Cliff. A very small modest plant -



~ 1887 ~

~ Sept. 2 ~

~ York Harbor Me. ~

A cloudy, threatening day, but no rain. Feeling a slight cold, I have staid at home, to-day, working over my plants, writing and reading. I have finished Burroughs' "Signs & Seasons". A charming book. I spent some time this morning in analyzing the *Laguna procumbens*, detecting the very minute petals and separating the plant for pressing ~

~ Sept. 3 ~

~ York Harbor, Me. ~

A beautiful clear, cool day, cloudy part of the time. I breakfasted with Arthur Nichols this A.M. and then started off with him in a buggy, with our lunch, for Mt. Egmonticus. A beautiful drive of 8 or 9 miles, past Chase's Pond brought us there. We put up the horse in a stable at the foot, a rise of 500 ft. from York Harbor and then walked up 500 or 600 ft more to the top, where a very beautiful view is obtained from Cape Elizabeth W.C. Allen on the East, and on the north one sees the Franconia & White Mts. The latter were shrouded by a mist. We had our lunch on the summit and then entered the woods and went down the Mt. on the north and up 2<sup>nd</sup> Hill near by lower than the Mt. We kept in the woods all the time and I observed carefully the vegetation which was characteristic of the high ground in this region.



We saw *Quercus prinus*, *alba*, & *cinctoria*,  
*Fagus ferruginea*, *Castanea vesca*, *Pinus strobus*,  
*Abies canadensis*, *Betula alba*, var. *populifolia*,  
*Hamamelis virginica*, *Viburnum lentiginos*,  
*Acer pennsylvanicum* & *rubrum*, *Prunus pennsylv-*  
*anica*, & *virginiana*, &c. I saw little of any-  
thing in flower. We returned to the sum-  
mit of Agamenticus by 3 P.M., and enjoyed  
our lunch in the shade. Mr. Way & family  
met us after lunch and we discussed the  
view for some time with a glass. We re-  
turned the way we came. The sunset was  
very beautiful. Reached home by 6-30.  
Found Ned Dodge here. Sat in the parlor  
in the evening. Postal from Barnes -  
"Please address me hereafter at  
Madison, Wis. C. R. Barnes."

*Viburnum lentiginos*, Michx.

Fruit & seeds: Woods Agamenticus York.

*Smilacina bifolia*, Ker. (= *Maianthemum bifolium*, etc.)

*Cornus canadensis*, L.

*Melicola virginiana*, L.

Fruit for seeds - Agamenticus.

*Polygonum sagittatum*, L.

Low ground - roadside -

*Arctostaphylos uva-ursi*, Spreng.

Summit of Agamenticus



~ 1887 ~  
 ~ Sept 4 ~  
 ~ York Harbor - Me. ~

A beautiful clear cool day. I staid at home this A.M. cooking up the fruits I collected yesterday, extracting and pocketing the seeds. Bathed at noon. Water delicious. In the P.M. I took a short walk along the river and then went over the railway trestles as far as Seabury. Home to supper. Read the Century in the evening.  
*Scaevola maritima*, = *S. linearis* Torr., var. *ramosa*, Watson.  
 River bank. In fruit.  
*Portulaca verticillata*, L.  
 Open field -

~ Sept. 5 ~  
 ~ York Harbor - Me. ~

A clear, cool day, fresh breeze. This A.M. E.D. & I walked half way up Long Sands. Back in time to bathe before dinner. In the P.M. Miss W., Mrs. E.D., E.D. & I drove to Mt. Kearsarge, by way of Cape Neddick. The view from the top was beautiful, a slight haze in the air. Reached home by 6-20. The country between here and the Mt. is very pretty, dense groves of hemlock, spruce & pine alternating with stretches of open land. Evening at home.  
*Mertensia maritima*, Don.  
 York Beach, opp. Hotel Bartlett. Fine fruit.  
*Galopogon pulchellus*, R. Br.  
 Boggy ground - Fruit -



- 1887 -  
- Sept. 6 -  
- York Harbor, Me. -

77

A beautiful day, rather warm, slightly cloudy in the P.M. Last evening I received a letter from Mr. Murray, dated the 5<sup>th</sup>, in which he expressed much interest that the *Zostera* should still be in flower. He wanted specimens, so I went down to the wharf, directly after breakfast, the tide being low and I succeeded in getting some flowered though it was much harder to find them than it was a week ago. I wrapped them in wet cotton wool and put them in a box which E.D. took to Boston by the 10.14 train, so Mr. M. will get them to-night. I have staid at home, today, pocketing seeds and labelling my York collection. Bath at noon. At 4 P.M. Mr. Kennedy appeared with his family, having come by train from Portsmouth. They are on their way to the White Mountains. Mr. K. & I went down to the beach and sat down and had a good talk. They returned to Portsmouth by the 5.59 train. Mr. Churchill wrote me from Bellows Falls, Vt. I got his letter yesterday. Law business and a little botanizing. He returns to-day. Writing & reading in the evening -



1887  
Sept. 7  
Cape Harbor Me.

A rather warm day, cloudy, with  
thunder & rain in the latter part of the P.M.  
in the evening, blowing South west wind  
all day - Lightning flashes in the  
evening. This A.M. I went down to  
the wharf and found the *Lostera* very  
abundant in a young flowering state. I  
even found the undeveloped stems - So  
I should say that to-day, the *Lostera*  
was in the height of its flowering, with  
many flowers to come yet. I found  
some fruit pretty well advanced, but  
hardly ripe - I took a good deal of the  
plant to the house and after dinner, put  
a number of the pieces of inflorescence in  
a small bottle of salt-water and sent  
it to Mr. Moody. I have put a little  
of myself in alcohol and some in press.  
I noticed that the anthers, after ele-  
vance, split open like a boat with  
the rib on the inner face for a keel and  
work out of the sheath. The young styles  
of the young pistils protrude out of the  
sheath thus favoring cross-fertilization.  
For illustrations, see sketches in a pocket  
on the sheet of my specimens.

This A.M. I called on Mrs. Atkin-  
son and Miss Clark. I had a very  
pleasant conversation. Miss Clark says  
she will press me specimens of the



*Gentiana crinita* & *Opis tuberosa*.  
 Both are very abundant here -  
 Bath before dinner. Then Kip - to  
 beach - 4:40 & 1:30 Mrs. Gray 5:15  
 M. & me to drive - we took the road  
 toward Kittery and had a very nice  
 time - our drive was shortened  
 even by the thunder-storm which came  
 as home. The roadsides are now of  
 a most beautiful yellow with the  
*Solidago nemoralis*, *serotina* & *canadensis*.

The wind seems to have grown much  
 stronger since supper. It is howling  
 round the house and the air is occa-  
 sionally lit up with very brilliant  
 flashes of lightning.

The *Tory Bulletin* came yesterday. It  
 contains interesting articles read before  
 the A. C. S. S. at New York. To-day  
 I read a copy of *Agricultural Science*,  
 Vol. 1, No. 7, containing an article by Hal-  
 sted on "Evolution of Cucurbitaceous  
 Plants".

I spent the evening in writing and reading.  
*Lostera marina* L.

Small specimens to show the flowering  
 state, stamens & pistils in situ. Off the  
 wharf ~



— 1887 —  
 — Sept. 8 —  
 — York Harbor, Me. —

A beautiful day, after the storm of last night. Light clouds, cool, strong breeze off shore. This A.M. I went to Norwood's Woods, at Eastern Point and did some very good botanizing there and in an adjacent bog. Bath before dinner. Not more than half a dozen people in. Water very cold. Mercury  $57^{\circ}$ . This P.M. I did a little botanizing in the low land over the hill back of the house. I much much pleased to find *Ranunculus alismifolius* in flower & fruit.

*Aster multiflorus*, Ait. }

*Diervilla trifida*, Moench. }

Open ground. Root of *Diervilla*  
 43 in. long where it broke —

*Aster macrophyllus*, L.

*Triostema perfoliatum*, L.

Norwood's Woods —

*Aster laevis*, L.

Open ground —

*Spisanthes cernua*, Richard.

~~*Stemona lanceolata*, Gray.~~ } *Lythrum stricta*, Ait.

*Epilobium maculatum*, L.

*Milax hirsuta*, L.

*Sparganium angustifolium*, Richard.

Bog near Norwood's Woods.

*Eupatorium perfoliatum*, L.

Low ground — 4 ft. high.

*Ranunculus alismifolius*, Sepp. ambigua, Watson.

Muddy pond, a short distance behind the house.



~ 1887 ~

~ Sept. 9 ~

~ York Harbor - Me. ~

81

A very cool day, clear in the A.M. & windy in the P.M. A real autumn day. This A.M. we rowed over the harbor and made a call on Mrs. Allen and Mrs. Wells -

They have a house south of the harbor overlooking the harbor. We returned in time for me to bathe before dinner.

The water was cold & bracing, though not as cold as yesterday. I got tired of seaweed in the water. After dinner the whole party of us took a boat and rowed up the river with the tide within an hour of flood, we went up a short distance beyond the 2<sup>nd</sup> carriage-bridge past the beautiful canoe riches which I had noticed on our former expedition. It is a favorite picnicking ground. At our farthest station we landed and spent some little time rambling about in some woods which came very close down to the water.

The beech was very abundant. I found one rather dilapidated specimen of *Litsea scariosa* and though I looked very carefully about, I could not find another. Home through the islands by a narrow channel. Very pretty. Took tea at Mr. Fred Nichols.  
*Polygonum Carey*, Olney.  
Rich woods - York ~



~ 1887 ~  
 ~ Sept. 10 ~  
 ~ Cambridge - Mass. ~

A clear, cool day. This A.M. after packing for our return home I went to the wharf and got some more *Lostera* in flower. It is still in the height of its inflorescence. I found undeveloped *O. staminea*. We took the 1.20 P.M. train reaching Boston by about 4 P.M. Home to supper. Went up to the house in the evening. Found all as usual. After our return I changed all the blotter of my York plants.

*Lostera marina* L.

By the wharf - York Harbor, Me.

~ Sept. 11 ~  
 Cambridge - Mass.

A clear, very cool day. This A.M. I put some Montague plants in the box. Went up to the house before dinner. In the P.M. I poisoned the last batch of Montague plants and all the York ones that are out of press.



- 1887 -  
- Sept. 12 -  
- Cambridge - Mass. -

83

A rainy day. Rose this A.M. at 5.30, breakfasted at 5.45, went to Boston, took the 7.15 train, B. & A. R.R. for Ashland. Reached Ashland at 8.04, where Mr. May met me. Spent the day with him in his Herbarium. We spent most of the time going over the Naiadaceae, and Mr. M. gave me whatever he could that I wanted in this Order. I received some very valuable plants which I cannot value enough. He also gave me some plants that the Torrey Club distributed in N.Y. to the Bot. members of the A.C.S.S. Took the 5.48 P.M. train for Waton and home at 8.30 ~

Sept. 13 ~  
- Cambridge - Mass. -

A dull, cloudy day. Have spent most of the day putting some Montague Plants and a large number of the Oak Plants in the box. Went to the Garden in the P.M. and verified my Rumex obtusifolius Gray. Saw Mr. Watten & Sukdof. Letter yesterday from Baird & Churchill. Received from Washington the Agric. Report for 1886.



- 1887 -

- Sept. 14 -

Cambridge: Mass. -

A cloudy day, without rain. growing rather warm in the P.M. Started off with Mother & Mary in the 8.30 train N.Y. & N.E. Station in Vermont. Reached there without trouble by 10.55 A.M. & to the house Mr. Matthews where they will stay for a while. Pleasant house and delightfully situated. Beautiful rolling country. Took a stroll in the woods before dinner. *Parnassia Carolina* the fields in places with white. Very attractive. The roadsides are fringed with the *Aster Novae-Engliae*. It has a most superb color. Two fine specimens of White Ash are directly in front of the house. One of them must be at least 5 feet in diameter near the base. A fine American Elm with the Woodbine climbing up its trunk stands on the lawn before the window which across the road rises a magnificent specimen of the Sugar Maple. I took the 3.58 P.M. train, reaching Boston by 6.20.

*Parnassia Carolina* Mx.

1st bed. very abundant -  
*Gentiana Andrewsii* Griseb.

Border of ditch of clear running water

Pomfret, Conn



- 1887 -

- Sept 15 -

85

- Cambridge, Mass. -

A clear, cool day. I spent the A.M. & part of the P.M. getting into the Herb. the Polanogestons of Mr. Moray. Then I mounted 63 sheets of York & a few Montague plants -

- Sept. 16 -

- Cambridge, Mass. -

A very cool day, cloudy part of the time. Spent in town this A.M. on errands - Distributed yesterday's mounting and finished the Montague plant, 25 sheets.

- Sept. 17 -

- Cambridge, Mass. -

A clear, cool day. This A.M. I poisoned some plants given me by Mr. Moray & O.R. Barnes. In the P.M. Mr & I went in to the Park Theatre to see "Jim the Penman". It was a fine piece of acting - I was much surprised on my return to find a parcel from Bailey which I found, on opening contained a photograph of his wife holding in her arms a fine little baby. How old it is, I have still to find out. I have written him a congratulatory letter.



- 1887 -  
 - Sept. 18 -  
 - Cambridge Mass -

A most glorious day, cool and clear. The A.M. I took the 9.33 train at Fresh Pond with Mabel & Beattie. Went to Waltham to spend a couple of hours on Prospect Hill. A walk of some 20 min from the station took us to the Hill. It was delightful to be in the woods and I collected some interesting things. *Desmodium paniculatum* & *Dillenii* were very abundant in very ripe fruit. *Lespedeza reticulata* & var. *angustifolia* very plentiful. I saw seeds of the latter. It was my first introduction to the plant. Beautiful view from the summit of the Hill. Over 30 people there sitting about enjoying the view. Cold spring on the side of the hill - delicious. *Acer rubrum* & *Rhus glabra* turning red - We took the 12.57 P.M. train back reaching home by 1.40 clock - Spent the P.M. with my plants.

*Solidago puberula*, Nutt.

*Lespedeza reticulata*, Pursh. var. *angustifolia*, Maxim.

*Ceanothus Americanus*, L.

*Quercus alba*, L.

*Desmodium Dillenii*, Darling.

*Sanicula Marylandica*, L.

Dry Woods. Prospect Hill. Waltham.

*Quercus alba*, L.

Pasture land by Fresh Pond, Cambridge.

*Cephalanthus occidentalis*, L. Bog, "



- 1887 -  
- Sept. 19 -  
- Cambridge - Mass. -

87

A most beautiful day, clear and cool except when walking in the sun, then rather warm. This A.M. I mounted the plants put in the box yesterday. This P.M. I took the car to Cottage Farm and then walked along the B & N. tracks towards Boston nearly to the Park. There is a large area of land between Beacon St and Brookline this side of the Park, beyond the New Bridge over the B & N tracks. That has not yet been reclaimed. It is an extensive salt-marsh, and is now one blaze of color owing to the *Aster Novae-Belgiae*, *Solidago sempervirens*.

*Oenothera biennis*, *Gnaphalium polycephalum*.

There are, besides, in very great abundance, *Ranunculus capillaris* & *Rus-Salis*, *Antennaria biennis*, *Eryngium Canadense*, *Silene acaulis*. All

these plants were growing very rank, of enormous size. I went out on to

Brighton Avenue and returned to Cottage

Farm. On the way, I went in to a piece of low ground by Backich water and found *Pluchea* growing very abundantly.

Returned home and had time to get my plants in press before dinner.

*Pluchea camphorata*, DC.

Low ground, by Backich water, Boston.

*Aster multiflorus*, Ait.

By Brighton Ave., Boston.



- 1887 -  
 - Sept. 20 -  
 Cambridge, Mass.

A clear cool day - Have been busy to-day distributing yesterday's mounting, poisoning the remainder of my York plants and verifying and distributing some 40 or 50 sheets of English plants mounted in the Spring. Letter from Mr. Kennedy from Moosehead Lake, Me.

- Sept. 21 -  
 - Cambridge - Mass. -

A clear, pleasant day. This A.M. put in the box and mounted yesterday's poisoning 20 sheets. In the P.M. I took my box and went out to Duxbury with Mr. Churchill and spent the evening with him. We did a little botanizing before dark. I had a very nice time looking over some of his plants. Reached home by 11 P.M.

*Carya alba*, Nutt.  
*" porcina*, Nutt.  
*Quercus tinctoria*, Bartr.  
*Viburnum Lentago*, L. }

Open grassy canal, Duxbury.  
*Salix alba*, L. Vide Bebb MS.  
 Very large tree. Yard. Next the main street.  
*Salix Russelliana*, L. Vide Bebb MS.  
 Very large tree. Yard. Back of the street.  
 Both *Salices* in Duxbury.



- 1887 -

- Sept. 22 -

- Cambridge Mass. -

89

A rainy day - Went in to school this A.M. Visited the new building on Chestnut St. The Hall yet to be done in the winter - Got home by 4-30 P.M.

Distributed yesterday's mounting and put a few sheets in the box - Letter from Bessie. He says his baby is a girl weighing 18 lbs and was born June 27<sup>th</sup>.

- Sept. 23 -

- Cambridge, Mass. -

A cloudy day, cool. Got home by 1-30 P.M. Took my box and walked up to the Pond with Bessie Bent. The water is very low, lower than I ever saw it. The Stony Brook supply is running in now - It is a magnificent road that runs round the Pond. We went half way round and returned home by 4 P.M.

This evening I mounted a few sheets. The banks by the side of the Pond are brilliant with *Aster*. (*Aster porcinus*, Nutt.)

Open field by Fresh Pond - by a fence, near the water-works. }  
*Aster corymbosus*, Michx. Rays pure white.  
*macrophyllus*, L. purple.  
*Verbascum Thapsus*, L. 1<sup>st</sup> years growth. }

Steep bank, where the soil has been cut away on the west side of the Pond -

*Sparganium eurycarpum*, Engelm. } Muddy bog, west  
*Pentstemon sedoides*, L. } side of Fresh Pond.  
*Sium cicutaefolium*, Smelin. } " "



~ 1887 ~  
 ~ Sept. 24 - Oct. 7 ~  
 ~ Cambridge - Mass. ~

During the past two weeks I have done no collecting owing to school duties. Fall is now upon us. The trees are changing color, The Hickories are dropping their nuts, and are attacked from every quarter by small boys with sticks and stones, old tin cans and any available weapons. We have common about here two *Caryas*, *C. alba* & *porcina*. *C. amara* & *tomentosa* are certainly not common at least I have not seen them near here. The *Solidagos* are mostly gone by now, but a number of the late *Asters* are still in flower. Henry W. Henshaw is on from Washington. He has brought me a large collection of plants from Washington, D.C. excellent specimens and interesting plants. I shall put the majority of them into my herbarium. Henshaw dined with me one evening. I have had letters from Mr. Morong on various matters. He is now studying *Eurycarpum*. Next Monday, the 10<sup>th</sup>, he spends the night here. I have labelled all Henshaw's plants. That was a job occupying me for several evenings. Most of my last collecting is dry. Mr. Charles has at different times sent me interesting plants of his own collecting, as *Aleph. verticillata*, fr., *Vitis aestivalis*, fr. & *Muhlenbergia capillaris* from Hingham Oct. 5<sup>th</sup>. Weather good & bad.

*Hibiscus militaris*, var. Bot Gardens Oct 7 Same plant as Aug. 15 last



- 1887 -  
~ Oct. 8 ~

91

Cambridge Mass. ---

A clear, sunny, warm day. Have tried to break up a cold of a week standing by talking a walk. May Dexter went with me. We walked round Fresh Pond on the new road. The water is still very low. I examined the *Aster* by the Pond. They are perplexing. But several in press. Got home before lunch. Took another short walk this P.M. as far as the Water Works. Ruthven & wife, W Brewster & wife and Mary dined here this evening. Ruth has been on from Chicago with wife & baby since Sept. 24<sup>th</sup>.

*Carya porcina*, Nutt.

Fruit from the tree where I collected *Leucophaea* specimens Sept. 23<sup>rd</sup> last. 0

*Carya porcina*, Nutt.

Fruit from a large tree near the above standing away from the fence with small projections on the trunk by which a boy can climb up, about 7 ft. from 2 smaller trees which are close together. X  
*Solidago Canadensis*, L.

Open ground, West side of Fresh Pond.  
*Aster viminalis*, Lam. (See also No. 15-1887).

Low ground West side of Fresh Pond  
*Aster confusus*, Nutt.

Steep bank of Fresh Pond Grove at the beginning of the Grove going from Fresh Pond Station ---



~ 1887 ~

Oct. 11 -

~ Cambridge, Mass. ~

Sunday, Oct 11, I mounted 34 sheets -  
 yesterday Mr. Morrey came out before 10 P.M.  
 and I spent the night. He had a pleasant  
 talk - Mr. Morrey has a distant project  
 in view of sailing to La Plata up the  
 La Plata in a sailing vessel commanded  
 by a friend of his, and crossing over  
 by land to Chili where his brother  
 lives. His plan is to botanize through the  
 water-system of rivers which flow through  
 the La Plata into the Atlantic. It is  
 now just talked of and may come to  
 nothing. He would need financial sup-  
 port, of course - Mr. Morrey was at the  
 Garden today and returned to Ashland  
 this P.M. - I have just received from  
 "release in Revision" the *Linaceae*

Oct. 15 -

~ Cambridge, Mass. ~

Since I wrote last in my Diary  
 we have had glorious weather. I have done  
 considerable work on my plants in various  
 ways. Yesterday P.M., Mr. Marston Watson  
 of Plymouth visited my Herbarium. In  
 the evening, I went over a package of  
 42 species of Florida Plants sent me in  
 Aug. by Miss Keading. I named 32 of  
 them and this A.M. I took the rest with



Some of my *Aster* etc is the Gray Herbarium  
where I spent the morning most pleasantly  
working over them. Dr. Gray and Mr. Watten  
gave me some assistance. This P.M. I  
took a walk about half way round Fresh  
Pond. The *Aster corymbosus* by the old  
pine grove is still in flower, though going  
by. It is very abundant and the only species  
I saw along the steep slope. On the hill  
opposite where the boat house used to be, I  
found the base leaves of *Aster macrophyllus*  
very abundant, with occasional specimens  
gone to fruit. There is plenty of *Aster cordi-  
folius* on that hill too; also *Viburnum  
acerifolium* in fine fruit its leaves now bright red.  
*Aster multiflorus* occurs here and there  
*A. racemosus*, fine specimens, grows in a boggy  
piece of ground on the West side of the Pond.  
There *Glex verticillata* is abundant, its fruit  
now almost lost. I reached home in time  
for dinner. Letter from Barnes, yesterday.  
He is getting settled in Madison W.I.

- Aster corymbosus*, Ait. Bank Fresh Pond Grove } Fruit.  
    *macrophyllus*, L. Hill West side of Fresh Pond. }  
*Viola sagitta*, Ait. (Vide May 29-1888)  
    Bank of Fresh Pond Grove, at the bend. Abundant; fruit.  
*Solanum Dulcamara*, L.  
    Thicket, West side of Fresh Pond.  
    Thicket, West side of Fresh Pond.  
*Glex laevigata* L. West side of Fresh Pond.



- 18 -

- Oct. 18 -

- 18 -

A most beautiful day in the  
 this P.M. Helen Dexter & I took the train  
 at Fresh Pond, in the morning we walked  
 up on Prospect Hill and enjoyed view-  
 ing through the woods. The view  
 the town was very fine. The leaves are  
 falling fast from the trees and the botan-  
 ical garden is fast disappearing.

After undulatus was in its prime  
 and its full clusters of blue made a bril-  
 liant show. I collected a number of  
 seeds. We returned by the 5:06 P.M. train.  
 I arranged my plants in the evening.

After undulatus, L.  
 disticus, etc.  
 Lechea major Michx.

Gerardia tenuifolia, Vahl.  
 Lespedeza bicolor, Ell.  
 Anemone Virginiana, L.  
 Ciguinomia Cupatoria, L.  
 Thalictrum rotundifolium, L.  
 Berberis vulgaris, L.  
 Lespedeza reticulata Pers. var. angustifolia, Maxim.  
 Galathea scandens, L.  
 Ampelopsis quinquefolia, Ell.

Prospect Hill, Baltham.  
 Verbena urticifolia, L.  
 Fruit. Roadside, Baltham.  
 Hibiscus Rosa-Sinensis, Cult. at home.



- 1887 -

Oct. 24

95

- Cambridge, Mass. -

Fine weather during the past week, with the exception of a heavy rain Friday & on the 21<sup>st</sup>. In the early part of the week I poisoned a number of plants, including *Pinus strobus*, Florida oaks. On Friday Morn. I took the 3.40 P.M. train for Plymouth to spend the night at the house of Mr. Senj. M. Watson. He lives a mile from the station on a large piece of land of 80 acres, covered with trees & shrubs of every kind all set out by himself with the exception of two large specimens of *Quercus alba*. I spent a most delightful evening with Mr. & Mrs. & Miss Watson, the latter of whom I used to know in my College days. Mrs. Watson gave me an autograph letter of Henry D. Thoreau written to her Aug. 5<sup>th</sup>, 1845 from T's lodge at Walden Pond. Sat. Morn. was clear and cold. After breakfast Mrs. & Miss Watson and I took a horse & carriage. A small boy accompanied us to hold the horse. Mr. Watson on account of a sore throat stayed at home. The first drove through the burial ground and on to a small hill which was literally carpeted with *Corema*. We could not find a sign of fruit. Then we drove to Town Pond through the woods. The prevailing tree is oak and the were in the very perfection of color. It was



-1887-

one of the most beautiful sights I ever  
 beheld. The predominant color was a  
 deep red, with every possible shade.  
 The Manomet Hills are famed at this  
 season of the year. South Pond is a  
 beautiful piece of water. I should say  
 larger than Fresh Pond. It supplies the  
 Barnstable reservoir. We got out by the  
 Pond and walked about on the shores  
 for a while. I collected a few common  
 plants in fruit. I have collected seeds  
 of a great many plants this year. We  
 reached home by 1.30 P.M. ready for a  
 good dinner, which was awaiting us.  
 After dinner, Mr. Watson walked about  
 his grounds home with me to show me  
 some of his choice plants. I can well  
 imagine what a fairy land his  
 place must be in the summer  
 and spring when the Magnolias  
 are in flower and other flowers are  
 blooming. Mr. Watson is very fond of  
 the *Asclepias tuberosa* and he has  
 an immense quantity of it growing  
 in his garden. It is now in full fruit.  
 Mr. Watson has been a horticulturist  
 for many years and he used to receive  
 seeds from Thoreau. The letter he  
 gave me & T's relates to seeds sent  
 to Mr. Watson to plant. I left Barn-  
 stable by 3.30 and got home by 6.45 P.M.

220. Thoreau's plants were collected



I had a most delightful visit. I have received during the last week a fine work of the U.S. Fish Commission 2<sup>nd</sup> vol. one of 277 plates; also the Cruise of the Revenue Marine Steamer Corwin in the Arctic Ocean in 1885. Wash. 1887 - It is copiously furnished with plates and related things to Alaska - I have also received a Report of Bot. Work in Minn. in 1886, including Bailey's trip to Vermilion Lake.

The leaves are fast disappearing and collecting is nearly over - I have just received from Mrs. Cory from Great Rd., Hyannis, Mass. a box containing some 10 species of fruiting *Baccaria* including *B. folia*.

*Asclepias tuberosa*, L.

2 spec. from seeds got in Plymouth, and planted in the spring of '86. They were in fine fruit.

2 spec. from seeds imported from France.

*Prunus maritima*, Wangerm.

Sandy soil by roadside. Fruit.

*Opuntia Gonradii*, Torr., Hillside -

*Rosa Carolina*, L.

Fine fruit. border of Town Brook.

*Myrica cerifera*, L. "

*Solidago tenuifolia*, Pursh.

*Gadium mariscoides*, Torr.

*Andropogon scoparius*, L.

*Andropogon caryotactis*, Muhl.

*Clethra alnifolia*, L.

*Rhexia virginica*, L.

} Shore of South Pond

All these plants were collected in Plymouth Sept 22-1887



- 1887 -

- Oct. 30 -

- Cambridge, Mass. -

The past week has been rather cold at times raw and uncomfortable. No rain. I have had more or less botanical correspondence, a nice letter from Mr. May in regard to his proposed So. Amer. trip. It doesn't seem possible that he will go. I have received this week a copy of Torrey & Gray's Fl. No. Amer. & Gray's Man. 1<sup>st</sup> Edition from Mr. B. M. Watson of Plymouth in return for the new Syn. Fl. & Gray's Man. latest edition. I am much elated at possessing an old flora. I have pressed quite a no. of plants including Mr. Churchill's. I mounted them all to-day including Miss Readings Fla. Plants, in all 58 sheets. This P.M. I went to Cottage Farm and visited the spot of last Sept. 19, for fruit of *Pluchea*. It was in prime condition. Explored the marsh by Char. River a little. Then home. Yesterday, I picked up at Burhams, Gray's Man. 4<sup>th</sup> Edition & 2<sup>nd</sup> Ed. without the mosses -

*Pluchea camphorata*, DC.

Fruit. Same locality as that of last Sept. 19. The fruit was ~~dead~~ ripe and was blowing about. Boston  
*Spartina stricta*, Roth; var. *glabra*, Gray.

Salt marsh by Char. River, Boston. off Brighton Ave.  
*Trapa putescens*, L.

" " "  
*Asparagus officinalis*, L.

Waste ground off Brighton Ave. Boston. Fruit  
*Artemisia biennis*, Willd. Brookline Ave, Cambridgeport  
Roadside. Well established. Fruit.



- 1887 -  
- Nov. 3 -

99

- Cambridge Mass.

Delightful weather this week - I have just received a package of plants from Mr. E. Faxon - It is such a delight to receive plants from him. They are such beautiful specimens, so beautifully prepared. A number of doubtful *Aster* among them - he wants me to look up -

This P.M. I went out to Quincy to see our eleven kick foot-ball with the eleven from C. Adams Academy. It was a most glorious afternoon, clear and not cold. The trees are all of a most beautiful hue and their leaves are fast falling. Our boys beat by 44 to 0. Returned by the 5 P.M. train.

I am reading now Dr. Gray's Revised Edition of the Lessons. It is a most charming book. He has made a good many changes in it and added considerable.

The herbaceous plants are almost all dead now - Phanerogamous botanizing now is well nigh over for the season. Mr. & Mrs. Kennedy have very suddenly gone to Europe to see Mr. K's father & mother who are quite sick. I have scarcely seen Mr. Kennedy since the middle of the summer -  
*Solidago nemoralis*, det.  
Fruit - Open field - Quincy -



- 1887 -

- Nov. 6 -

- Cambridge, Mass. -

Friday evening (the 4th), I went over Mr. Faxon's plants and studied some very puzzling *Asters* which he could not name - Sat. 6th. I took the *Asters* to Dr. Gray's herbarium and fortunately got Dr. Gray's assistance. The doubtful plants proved to be peculiar forms of *Aster Lindleyanus* T. & G. They were from Franconia N.H. which is far south of their known habitat. I have written to Mr. Faxon in regard to it. One of the plants has much the appearance of *A. prenanthoides* and Dr. Gray at first was inclined to consider it a hybrid between *A. Lindleyanus* & *A. prenanthoides*.

In the evening I poisoned all of Mr. Faxon's plants, 45 sheets some 20 species all from the Franconia & White Mts Region.

This P.M. (Sunday) Margaret & I walked to Fresh Pond and saw the mountain plains where Stony Brook enters the pond. It was a beautiful afternoon clear and a little cool.

I got a few prints on the way -

*Linaria vulgaris* Mill  
*Trifolium arvense*, L.

Shore of Fresh Pond.  
*Solidago bicolor*, L.



Bank of Fresh Pond Grove where I have often seen the plant in flower.

*Solanum dulcamara*, L. Fruit Fresh Pond / 2



~ 1887 ~  
~ Nov. 13 ~  
~ Cambridge - Mass. ~

101

Weather quite cold during the week.  
Mon. Tues. & Wed. I moulded Taxus plants, etc.  
They are very handsome specimens. Thursday  
evening, it rained hard. Miss Newell came to  
see my Herbarium. We spent a pleasant  
evening. Friday & Sat. I made up a package  
of plants for L. A. Bailey. Some 120 species.  
I shall send him a few (Carries to name  
and return. Have gone over a small package of  
plants from T. J. Burrill, Univ. of Ill. 27 species.  
14 are fair specimens which I shall put into  
my Herb. The rest went with giving away.  
This P.M. Mai Dexter & I took a long walk  
some 7-8 miles to Tufts College, then beyond  
to the Charlestown Water Works which we  
visited. 3 engines, each with capacity of 700000 gall. per day.  
The water from Mystic Pond is conducted through pipes by gravitation  
to the Water Works, then pumped into the reservoir which supplies  
Charlestown, Everett & Somerville. A tank in one corner of the  
Works contains 2 alligators, 15 yrs. of age, about 2 1/2 ft. long. A  
temporary staging had been erected to repair the roof, the arches  
which supported it having come of them, given away. We saw the arches  
thus, , instead of thus . About 1/2 m. beyond the Works,  
we crossed Mystic River and then ~~came~~ through Dublin.

Herbaceous vegetation is pretty well over now. Some  
few linger in fruit. I collected a few fruits -  
*Verbena hastata* L. }  
*Linaria vulgaris*, Mill. - W. Somerville  
Fruit - Waste ground - Medford -



— 1887 —  
 ~ Nov. 27 ~  
 ~ Cambridge Mass. ~

Two weeks have passed since my last entry. The weather has been variable, beautiful days mingled with disagreeable wet ones. No days very cold. The weather last Sat. & Sunday being bad I did not take my usual stroll and so collected no fruits. Most of my time has been spent going in to school but I have done considerable botanical work. A little over a week ago (Nov. 18) I received a bundle of plants from Dr. August Sattinger Nashville Tenn. of some 150 species. I had asked him for them last spring. They are beautiful specimens and each species is most generously represented, the whole plant where possible in fruit & flower. I have already pressed them, put them into the mounting box and mounted 112 sheets. I did all the mounting, Frid. the 25<sup>th</sup> I have made very free use of pockets in my work of this year. In the Sattinger plants I have used at least 3 dozen. The presence of some Herbarium mould on a few of my sheets in the tin cans has caused me much anxiety and leads to grave doubts as to the efficiency of the can. Does its very tightness hold away little moisture and cause the trouble? I am making inquiries ~ Nov 23, sent to Bailey about 120 species of plants.



— 1887 —

— Nov. 29 —

— Cambridge - Mass. —

103

Met and disagreable yesterday. Mounted some plants & 2 sheets on Sunday B.M. (27<sup>th</sup>) and the 1<sup>st</sup> yesterday P.M. finishing the Gatterer collection. To-day the weather has been clear and cold. I took the 2.20 P.M. to Forest Hills and lunched with Benj. M. Watson Jr., Prof. at the Buzzev Institute, a classmate of mine. I had a most delightful time talking over old times and learning about the Institute and the Arnold Arboretum. Buzzev left his estate of 60 acres to Harvard College and founded the Institute. Then when Arnold left a large sum of money to Harvard to found an Arnold Arboretum, Harvard College gave a large amount of the Buzzev land for the Arboretum. An arrangement has been made between the city and the Arboretum by which the Arboretum is thrown open as a public park, while the city lay out the roads through it and police it. The Arboretum does the planting. We went through some of the greenhouses and, in the garden, I got cuttings of from 1 or 2 dozen kinds of Ribes to send to L. H. Bailey, Jr. Had a pleasant talk in the house before returning by the 6.20 train. Got home by 7.45. Ben gave me 2 acorns of *L. macrocarpa*, brought a couple of weeks ago from Topeka, Kansas, by Lewis, a friend of his, picked up under a tree, 6 in. in diam.



- 1887 -  
 - Dec. 3 -  
 - Cambridge Mass. -

Dr. Asa Gray is lying very sick with paralysis (and apparently the end is near). What a shock to his wide circle of acquaintances and to the botanical world at large. I was much shocked this P.M., on going up to the Garden to inquire after him to learn how ill he was. I heard for the first time last evening that he had had a stroke of paralysis. I met Luby & Dr. Goodall at the Herbarium today and heard all about it. Dr. Gray had a bad cold last week and was confined to his room part of the time. Sunday (the 27<sup>th</sup> Nov.) I went to the house and inquired of Mrs. Gray, who told me that the Dr. was much better and was down in the sitting room, but that she wouldn't ask me in to see him as he ought not to talk. On Monday morning when he came down to breakfast he complained of a trouble in his arm and from that time paralysis has set in steadily more and more. Mrs. Gray never realized how sick he was until Wed. <sup>Nov.</sup> Dec. 30 when Dr. James Peabody called. The Dr. lies perfectly still and motionless unable



except his left arm. His right side is paralyzed but not the brain.

to move. His eyes are shut and though he seems in no pain, yet Saksdof says that he occasionally groans. Saksdof sat up in the house last night and once went in to the room to left him into a more comfortable position. He says that the Dr. was perfectly motionless. He seems <sup>at times</sup> in a sort of lethargic state. <sup>His brain is perfectly clear.</sup> Dr. Gray was working on the Vitaceae at the time of this illness. I saw him last in the afternoon of Nov. 19<sup>th</sup> when I went up to the Herbarium. Dr. Gray came in to the Herbarium and I saw him there and in the Library. I told him that I had found a few errata in his new Lessons on Botany and he told me to bring my book around the next time I came and he would copy the errata in his book. Dr. Goodale doesn't think there is any chance of his recovery and we can only wait anxiously the issue. The last time I heard Dr. Gray's voice was last Sunday P.M. (Nov 27) as I was talking to Mr. Gray at the door of the house. I heard Dr. Gray talking in the sitting room.



- 1887 -  
 - Dec. 10 -  
 - Cambridge Mass. -

A week has passed since my last entry, rather an eventful week in many respects - Dr. Gray stills lives. His mind has been perfectly clear all the time. He has recovered the power of swallowing which had entirely left him and they give him food in small quantities. He has from time to time signified that he wanted to try something new and, by mentioning various kinds of things, they have found out what he wanted. He first swallowed a piece of a roasted oyster. He has taken extract of beef, aphelinus water and ~~the~~ <sup>the</sup> days ago, the 19<sup>th</sup> he articulated, with difficulty, the word brandy which they have given him in small quantities. His pulse yesterday went down to 94 - How long he will continue in this state or when he will change for the better or worse is very uncertain. I see Dr. Vaughan, his physician every day and learn from him. He is hopeful. I keep Barnes and Bentley informed. What a depth of feeling will the scientific world show, should Dr. Gray be taken away. I think that his illness is, as yet, very little known. He is of course very weak. Last Sunday (the 4<sup>th</sup>) I called on Dr. Goodale and learned from him of the condition



A Subsdorf. His mind has been very much unsettled of late, partly I think from brooding over his own condition which he didn't think was improving much by his being out of life, working on the place, and latterly collecting plants. His father & mother died and he thought he could better himself by coming here. He has been working at the Garden during the past year doing various kinds of work. He has always been very quiet. Dr. Gray's illness seemed to increase his despondency and he entertained very strange notions that they were trying to drug him <sup>(Subsdorf)</sup> at his boardinghouse &c. Dr. Sordace told him he was not well and he arranged to see Dr. Vaughan. I took him to my house Sunday P.M., and talked with him. He wanted to change his boarding place and so I went to Seymour's with him and got him a room. Then I kept him here over night and he left in the A.M. When I saw Dr. Vaughan next day I found that he had found it advisable to send him for complete rest to Limerick. For his mind was much unsettled. He went voluntarily and is still there at the Asylum.

During the week I have done up a package of 150 species of plants and sent them to Dr. A. G. Patten. It was a long job. Saw L. L. Dame at the Herbarium this P.M.



~ 1887 ~

- Dec 11 -

- Cambridge Mass. -

It seems now that Dr. Gray cannot live very long. For the past two days his breathing has been heavy and his pulse very high, ranging as high as 120. This P.M. I called on Mr. Watson and had a long talk with him. I had not seen him since Dr. Gray's attack. He thinks there is very little hope and that the Dr's working days are over. He talked a good deal about Dr. Gray and about E. L. Greene who has made so scurrilous an attack on Dr. Gray in the East Pittonia. From Mr. Watson I walked up to the Garden and read the bulletin on the front door that is put up daily for inquiring friends.

It read "Dr. Gray not so well" - Fri P.M. The same - Sunday A.M. " Every thing seemed so sad and still - Then I went to Dr. Goodall and sat with him for some time. He told me the whole story of Luksoy's insanity after he left Luksoy last Monday A.M. (the 5th)

Strange hallucinations possessed him and he seemed to dwell upon words in a most singular way. He spent Monday night at Seymour's but the next morning he went early to Dr. Goodall and told him that he had much to say to him. "I feel first rate," said he, "and now I see



everything clearly. The plot is all clear now and Watson the Pope & Bismark are in it." Dr. Goodale saw then clearly that the poor fellow was demented and he got him down to Dr. Fairlow's room after he had taken him to the laboratory to his private room there. In this room he talked to Drs. Goodale and Fairlow. Said he, "I seem to be in Oregon on a mountain top. I look far off over the valley to the distant mountains but especially into the valley and there far low; that's you" said he, pointing to Fairlow. It was sad, but convincing. Well, Drs. Vaughan & Nichols came and at first they made arrangements to send him to Worcester, but it was afterward decided to take him to the McLean Asylum, Somerville where Seymour & Fairlow went with him in a carriage. One thing he said to Dr. Goodale was strange as showing how his mind runs on words.

"There's a river in the North called the Mackenzie River. Now that in itself would not be strange but then Dr. Gray's minister is named Mackenzie and that is the name of the physician of the Crown Prince of Germany who has a cancer in his throat. The Roman Catholic religion is a cancer in the throat of the body-politic." When giving the names of his brothers and sisters who are scattered in the West, he said "Mrs. Stella Suksdorf, Portland,



-1887-

Oregon. Stella, mind the word, Stella means Star - She is my star, my destiny and led me here -

He has a brother in Davenport, Ia. How many brothers & sisters he has, I do not know -

Laksdof has a large pile of plants at the Gardens that he has been sorting out of late though he has never told anybody just what he was doing with them - What will be done with them is uncertain.

Yesterday I had a letter from Mr. Kennedy from Cannes, France. He hopes to be back by the Christmas holidays -

- Dec 18 -  
Cambridge, Mass.

Another week flies by - Dr. Gray still lies in bed and the doctor has about the same word to say every evening, that he seems about the same, sometimes a little weaker and again a little more comfortable. I send a Postal daily to Barnes & Bailey - This P.M. I called on Mr. Watson and had a very pleasant talk with him. Laksdof is still at the Asylum and is no better. I called at Dr. Goodale's this P.M. and Mrs. Goodale



Told me that Dr. Goodace had just received a letter from Suksoy urging him to come and see him, saying, "It seems now that I am accused of poisoning my parents and there is some plot against me and my brothers." It is very sad.

I have been busy evenings during the past week, copying Mr. Watson's Index to the Turkey & Gray Flies Vol II. - Mr. Edwin Faxon has sent me a second package of northern New Eng. plants some 85 species of most elegant specimens.

Dec - 22 -  
- Cambridge, Mass. -

D. Gray is still about the same, though lately it troubles him somewhat to swallow. I have received a letter from Dr. Guttiger praising to the highest degree my plants sent him. It is gratifying.

Today a package has come from Dr. Bailey containing some interesting Curies and a Bulletin of the College - Prof. D. P. Benhallow has sent me his article on "Mechanics of Movement - &c".

Thus far we have had one slight fall of snow attended with rain and to-day a short flurry of snow followed by a sudden fall of temperature. To-night is cold - Christmas vacation begins to-morrow. I shall enjoy it much.



1887  
- Dec. 26 -  
- Cambridge Mass. -

Christmas Day has come and gone and has brought joy to many hearts and sorrow to others. Dr. Goodale called here yesterday and told me about Dr. Gray and I also saw Dr. Vaughan this morning. He has been growing very much weaker during the last two or three days and finds it hard to take his food. He had a fainting turn on Sat. (24<sup>th</sup>) from which, however, he rallied. His face is becoming pinched and he is looking more and more changed. As Dr. Vaughan told me this morning, he finds it harder to carry the little straws that he has borne easily hitherto.

Dr. Goodale says that he has seen Sukroff lately and he seems much more rational and seems to be quite free from most all of his delusions and illusions. He talked freely with Dr. Goodale and said that he knew just where he was and why he was there and that it was ~~that~~ best thing for him to be there. The Dr. proposes my going to see Sukroff with him this week.

The School gave me for Xmas a very handsome Bardon Field-Glass. Margie gave me Darwin's Life & Letters, Bailey, Beal's Grasses of N. Amer. Vol. I, Barnes, a Xmas Card, Churchill, Naturalist on the Amazon, Will Brewster 2 vols. of A. W. Fild's Travels. &c &c I have made up packages of plants yesterday for T. J. Burrill, 20 species, for Edwin Fayre



30 species, for Mr. Thos. Morong some 30 species, for  
Mr. Kennedy 52 species

I took the 11.05 A.M. train this morning and went to  
Apheland and spent the rest of the day with  
Mr. Morong. He talked very freely over his  
plans for So. America and he is really going  
as far as he can see now, sailing by the  
middle of June next. He gave me some  
Sprengelia and his photograph beside  
some books, Library Magazine. I had a  
delightful time and did not get home till  
9.30 P.M. Mr. Watson's package of  
evergreens came this Morn. Plymouth.

D



- 1888 -  
 - Jan. 3 -  
 - Cambridge Mass. -

The New Year has opened. This is the last day of my Christmas recess. A week has gone by since my last entry. I have enjoyed every minute of it. Thursday Margie & I went out to Dr. Kennedy's and spent the night. The Kennedy gave me a copy of the London edition of Darwin's Life & Letters. How pleased I was. I took out to him 32 species of plants. He returned the next morning. Sunday Margie & I went out to Mr. Churchill's and spent the night. Mr. C. & I worked all day over his plants, sorting & checking off his mounted sheets. I shall have his duplicates later. He returned in the morning. I have got all Mr. Foxon's plants in the box and sundry others. Have poisoned all Henshaw's Washington plants.

Dr. Gray continues about the same. Sometimes much brighter than others. He does not speak as it requires such an effort. I send almost daily notices to a number of my friends.



- 1888 -

- Jan. 9 -

- Cambridge, Mass. -

115

Another week has gone by and still Dr. Gray lives on, though very, very weak. Friday evening last (the 6<sup>th</sup>) Dr. Vaughan did not think that he could possibly live through the night. His pulse was so weak and yet he took considerable amusement and could grasp the doctor's hand warmly.

I have just seen the doctor and he says that Dr. Gray's pulse is so weak that he can scarcely feel it, and that he does not think he can live more than a few days.

He does not seem to suffer and is quite conscious. It is now 6 weeks since he was first afflicted with paralysis.

I have written 16 letters & postals tonight to my various friends, largely in regard to Dr. Gray. They say they can get no information in any other way - I am only too glad to give them the sad news.

I have had 2 interesting letters from Dr. Garrison this past week, & Foster correspondent, & also one from M. J. Webb.

Yesterday I finished settling everything into the moving box and I moved. Sincerely,

I have been again reelected Secretary to our Shakespeare Association. This makes the 6<sup>th</sup> year. Bailey is now in Ithaca, N.Y. delivering a course of lectures at Cornell Univ.



- 1888 -

Jan. 19 -

- Cambridge Mass. -

Since I wrote last, Dr. Gray has continued living alone, varying just one way and then another. On the 1<sup>st</sup> Dr. Langham told me that he was even improving and showing decidedly more vitality than usual. He could say two whole words consecutively, repeating what somebody said to him. Mrs. Gray said "You have some pain, haven't you?" and the Dr. nodded - "Is it in your head?" He shook his head. "Is it in your chest?"

"Pain in chest" he said, seeming to be more able to repeat than to originate a remark. But this morning, the doctor said that he had not had a good day yesterday, not being able to keep down his food - Poor man - I do hope he will not be called upon to suffer.

Just a week ago, Jan. 12 (Thurs.) I went down to Seymour's and spent a very pleasant evening - I met Wm. H. Setchell of Norwich, Ct. grad. of Yale. 1887, studying Botany here, Kungo Miyabe the Japanese studying botany here, Sanougl (Dr. Goodale's assistant) & Mr. Eigenmann from Cal. a biologist. Jan 10 I mounted 54 sheets & Jan 15, 82 sheets. I have now mounted Bentham's plants, 139 sheets. Fatterer's collection made 186 sheets. I received an interesting letter from Bebb lately. Bailey returns to Mich. Tomorrow, from Itasca, N.Y.



- Jan. 22 -  
- Cambridge - Mass. -

Dr. Gray grows weaker and weaker and yet it seems as if he did not have life enough to grow weaker and live. They attempted to raise him two days ago and they had no sooner got him up, than his head sank back and for a short time he was pulseless. Nobody dares to say how long he will live. I called on Dr. Eisdale this afternoon and he told me about Seeksby. He had called on S., Dec 14<sup>th</sup> & 20<sup>th</sup>. He talked very frankly and openly with the Dr. and said that he wanted to get away. "You thought I was insane when you brought me here, but I <sup>am</sup> all right now." Dr. E. told him he was not all right, that he had delusions and thought everybody was against him and he should wait till he was free from those. S. admitted it. His delusion now is that they are trying to poison him and he dislikes to take his food. He has been removed to a corridor which Dr. E. says is anything but attractive, the light-headed patients wandering up and down the way. ----- Last evening Mayall & Litchell called and we passed a very pleasant evening in my studies and Herbarium. Yesterday A.M. I mounted 42 sheets and this A.M. & P.M. 22 sheets. I attended a lecture last Wed. (25<sup>th</sup>) by Prof. Hiles on Mountain Sculpture. Very instructive. Weather clear & cold. 6° - at 7.30 P.M. A.M.



1888.  
 Jan. 26 -  
 Cambridge - Mass. -

Since I last wrote, Dr. Gray has continued along just about the same. He is very weak -

I finished this evening mounting the box of plants that I have been at since the 8<sup>th</sup> Jan. I mounted Jan. 23<sup>rd</sup> 17 sheets, 24<sup>th</sup>, 36 sheets & 26<sup>th</sup> 19 sheets.

I was very much surprised and pleased last evening to receive a notification from the Corresponding Secretary of the Torrey Botanical Club that I was unanimously elected a corresponding member of the Club at its last meeting held on the tenth inst. - It is a very gratifying compliment which I highly appreciate. I have just written a letter of acceptance.

Last evening I went to a lecture in Boston by Major J. W. Powell on Savagery, Barbarism, & Civilization. I dined with Charlie Fiske, 140 Marlboro St. The lecture was very instructive. Letters lately from Barnes & Mr. Morong.



- 1888 -

- Jan. 30 -

119

- Cambridge Mass. -

Two or three days ago, The doctor (Dr. Wyman) said that, had not Dr. Gray rallied so often, he would not expect him to live through the night. But the next day his pulse was stronger and now he is just about the same, only a little weaker and weaker. Sat. & Sunday last (28<sup>th</sup> + 29<sup>th</sup>), I distributed over 200 sheets, finishing the box and then to get room into my Herbarium, I had to stretch it to the utmost limit, so that now, every hole is occupied and I shall hold out for another year. I shall receive some plants from Mr. Churchill, tomorrow and Bailey will send me a few *Carices* later. With that exception I think I shall receive no more till next Fall. Mr. Thos. Meehan sent me today, a package of his articles on Botanical subjects some 2 dozen in all. I have done up a package for Bailey of *Carices* from Saltinger and Churchill for him to name and return. Manda has given me his article on "Our Native Plants" -



- 1888 -

- Feb. 4 -

- Cambridge Mass. -

Dr. Asa Gray has at last gone to his rest. He died peacefully, Monday, Jan. 30<sup>th</sup> just 9 weeks after the paralysis & stroke first came on. He was more or less distressed during the day, took some nourishment at 3.30 P.M. and shortly after passed into unconsciousness in which he remained till the end. He quietly breathed his last at 7.30 P.M. His wife and attendants were by him. Dr. Ibraman who used to visit him, in the afternoon was unable to attend on Monday, and so Dr. Vaughan went round about 5.30 P.M. He found Dr. Gray unconscious and dying. He found there was nothing to do and said that he would come round again at 8 o'clock. So neither physician was by his death bed. All is over now and the peaceful spirit is at rest. How many grieving hearts has he left behind but how grateful are they all that they have been so enriched by his long life so nobly spent & ~~spent~~ his wonderful mind which has produced so much to our profit and his warm and genial manners which won for him the hearts of all. I was very much pleased and gratified to be invited by Mrs.



Agra was through a letter from Prof. C. W. Jackson  
 his nephew - The ~~of~~ is act as usher at the  
 funeral - The services were on Thursday the  
 2<sup>nd</sup> Feb. at Appleton Chapel at noon. The day  
 was beautiful, clear, and rather cold. I did  
 not go in to school. After breakfast I  
 went over to the Garden to see if I could  
 see Mr. Jackson. I saw him and also  
 Mr. Walford and Dr. Goodale. Miss Gray  
 asked me if I would like to see the  
 remains, but I preferred to think of the  
 Dr. as I had always seen him. His  
 body lay in the study, just where his  
 Table was where he did all his work  
 and as I stood at the door I could  
 just see the forehead, suggesting the  
 man as he was. A few pots of orchids  
 and other plants were in the room.  
 I went down to the Chapel by 11 A.M.  
 and watched the decorations that were being  
 put up about the pulpit. They were sim-  
 ple and yet very beautiful consisting of  
 evergreens and white flowers, bowwoods  
 orchids, roses &c. By 12 o'clock the  
 people were all seated. Among them were  
 Dr. N. L. Britton, Prof. D. C. Eaton, Prof.  
 W. W. Bailey, Dr. Geo. S. Kennedy, Mr. Bay,  
 Mr. Watson & Son, Oliver W. Holmes, James  
 R. Lowell, D. Torrey, son of John Torrey &  
 others. The ushers were seven in number  
 Dr. W. P. Fairbrod, two son of Mr. C. W. Loring, Rev.



1888

Gray's eldest bro. who is in Sikeston S.C.  
 Mr. Pat. Jackson, Jim Putnam & Ernest  
 Jackson. Rev. Jackson was took the en-  
 tire charge. The mourners came in at  
 12 and the casket was brought into the  
 front of the church, preceded by the pall-  
 bearers, Dr. Morrell Wyman & Mr. E. Dixwell,  
 Mr. Simeon Walton & Prof. A. Lovering, Prof.  
 J. Putnam & Prof. D. C. Eaton, in two or  
 order mentioned above. The services con-  
 sisted of reading in the scriptures by  
 Mr. Frank Peabody and an address &  
 prayer by Rev. Mackenzie, both very  
 impressive. About seven carriages  
 went to Mt. Auburn. I went and saw  
 the casket laid away in the ground.  
 A short prayer was made by Rev.  
 Mackenzie. No ladies went to Mt.  
 Auburn, and at Mr. Gray's request  
 the gentlemen did not raise their hats.  
 I was introduced to Prof. Eaton and  
 returned in the same carriage with  
 him & Dr. Farlow. A little later  
 in the P.M., Dr. Kennedy & Dr. Britton  
 called and I was very glad to meet  
 for the first time the latter. He said  
 that he had never seen a better  
 ordered Herbarium than mine.  
 I had received a letter from him  
 dated Jan 30<sup>th</sup> in which he urged  
 me to write an obituary notice of  
 the Dr. We talked it over for some



time and I finally agreed to think it over seriously and let him know very soon. I think now that I shall accept, ~~though~~ I feel very doubtful of my ability to do it justice. It will be printed in the Mar. No. of the Toney Bulletin which is extensively read. Dr. Kennedy left before Dr. Britton who staid till 6 P.M. I was very much pleased with him indeed.

Tuesday! Mr. Churchill gave me a lot of plants. Mr. Moray has written me that Dr. Kennedy has given him \$200. for his So. Amer. Trip. How generous. Monday the 30<sup>th</sup> Jan. I met Mr. Moray who came down partly to see Dr. Gould about Lin. Amer. I had arranged a meeting but by mistake Dr. Gould had forgotten it and Mr. Moray didn't find him at home. He spent an hour and a half with me before he returned to Ashland. I have received letters of late from Bailey & Rebb.



- 1888 -

- Feb. 20 -

- Cambridge: Mass. -

During the past fortnight I have been especially busy on my sketch and at last I have sent it off. I trust that Dr. Britton will be satisfied with it. Mrs. Gray has kindly written me twice in regard to Dr. Gray's journey. I had not known before that he went up the Nile. I have consulted everything I could get hold of - Torrey Bulletin - Botanical Gazette - Sargent's life of Dr. Gray - Harvard Brook - his papers - relation - Darwin's Life & Letters, and I have consulted Drs. Eodale & Watson. I took my article, when finished, to a type-writer on 130. Washington St. and read it off. Paid 20 cts a sheet. 20 sheets. \$4.00.

Feb. 8<sup>th</sup> I heard a very interesting <sup>lecture</sup> of Dr. Geo L. Eodale on "Seeds" in Association Hall.

Feb. 15<sup>th</sup> I heard Dr. Eodale deliver an address on Dr. John Gray at the Nat. Hist. Rooms. It was admirable, as were the resolutions offered by Dr. Wm. G. Farlow.

Letters lately from Dr. Britton, Prof. Trelease, Prof. Bailey (L.H.) Mr. M. S. Bebb has sent me lately, 87 Autograph signed botanical letters. - - - Letter just received from Mrs. Britton. She says "Your tribute to Dr. Gray is charming and all that we could desire. With the resolutions from the Club and the portrait the subscribers ought to be pleased" - Gratifying surely -



~ 1888 ~

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Feb. 26 -

~ Cambridge - Mass. ~

During the past week I have done a variety of things. I have gone over Churchill's bundle of plants and have put some 50 sheets in the box. The last - the 22<sup>nd</sup>, I went out and spent the day with Mr. Churchill. He returned to Boston with me and attended Dr. Goodale's first lecture at the Lowell Institute on Forests & Forest Products. A Syllabus of each lecture is printed and distributed, which is a great aid. The lecture was most interesting. Met Dr. & Mrs. Kennedy. Came out home with Dr. Goodale. During the latter half of the week we have been busy moving into the new school on Chestnut St. On the 23<sup>rd</sup>, I received the proof of my sketch of Dr. Gray. One had been sent to Mrs. Gray, whom I called on in the evening. She gave me a number of valuable suggestions and seemed interested in what I was doing. Father helped me correct the proof and I returned it yesterday. Yesterday I went out to Dr. Kennedy's in the P.M. in a snow, hail and drenching rain storm. Walked up from the Station. Had a delightful time. I returned alone to Boston and attended Dr. Goodale's 2<sup>nd</sup> lecture. It was on Physiology and, as usual, most entertaining and instructive. Came out with Dr. Goodale. Mr. M. S. Bebb has written me again sending some more autograph letters. On the afternoon of the 23<sup>rd</sup> I went over to the McLean Asylum with Dr. Farlow to see "sick dogs". He appeared quite well and rational and seemed very glad to see me. I can't help but think that he will come out all right. The Asylum seems to me a depressing place. He walked home. I mounted today 50 sheets.



1888

Mar. 5<sup>th</sup>

— Cambridge, Mass. —

Dr. Goodale's lectures last week were as delightful as ever. He is an ideal lecturer. Shakespeare Club last Tues. Play XII<sup>th</sup> Night. Interesting letters this last week from Barnes, Beiler, Lloyd, Mr. Mason & Mrs. Owen. Have received the "no. of Garden & Forest" interesting notice of Dr. Gray by Prof. C. S. Sargent and review of "Elements of Botany" by Dr. Goodale. Dr. Goodale sent me a copy of the Pharmaceutische Rundschau with a sketch and picture of Dr. Gray, by the editor Hoffmann. Dr. Goodale furnished Hoffmann with a good deal of the information. I received yesterday from Miss Reading who is in Florida, a box of fresh wildflowers some two dozen species. They were in good condition and most interesting to see for the first time. I have pressed a few of them *Polygala lutea* & *nana*, *Lymphocos tinctoria*, *Viola pinguicula* &c.



1888

127

Mar. 14 -

Cambridge, Mass. -

Since I came to - I have attended three more of Dr. Goodale's Lectures. They are of great interest. The Torrey Bulletin has appeared at last. I am interested to see my sketch in print. Mrs. Britton has sent me 25 copies and Mrs. Gray 5. I have distributed a number of them and have received some pleasant letters in reply. C. K. Barnes has sent me a photograph - an excellent likeness, and also a sketch of Dr. Gray which he put in the Western Naturalist. A portrait was to have accompanied my notice (as it proved a failure and the numbers were sent out without it. It will appear, I hope, in the Apr. no.) I have received letters from Mr. Morong, Bailey, Barnes, and W. L. Bailey and others. Mr. Morong has resigned from his church and his trip to So. America looks now like a real thing. Dr. Goodale has given me a copy of Prof. Dime's Memoir of Dr. Gray. I called on Mrs. Gray Sunday P.M. and she showed me a scrap-book filled with the notices of Dr. Gray which she had been collecting.



- 1888 -  
- Mar. 21 -

- Cambridge, Mass. -

Have attended two more of Goodale's lectures  
Mrs. Britton has sent me 6 more copies of  
my sketch with some of the portraits,  
which I shall not distribute. They are  
very good likenesses, but are very weak.  
They were done by the Photo-Engraving Co.,  
67 Park Place, N.Y. Dr. Farrow's notice in  
the Sag. just out is a very beautiful one.  
Mr. H. S. O. Blake of Worcester has most  
kindly sent me an autograph letter of  
Henry D. Thoreau and he is going to send  
me a daguerreotype taken about 1854 for  
me to have a photograph from. It is  
extremely kind of him. Burnes has sent  
me a copy of the "Badge" a book pub-  
lished by the Junior Class at Madison  
full of college information &c. &c. &c.  
Haley has two letters from W. W. Bailey  
of Providence. Last Sat (17<sup>th</sup>) Mr. May  
came down and I went with him to  
Dr. Gould's where we talked over 10, & over  
for about one hour. Then returned to my  
house, till Mr. May went home —



1888.

129

- Mar. 28 -

- Cambridge, Mass. -

Two more lectures from Dr. Goodale, both of them highly instructive and entertaining. Bailey has sent me a photo of his baby, 8 mo. old. It is very cunning. Bebb has written me a most amusing letter - I have sent him on answers to his Latin questions and a tracing of a Latin archæon from L. de Bonis Flora Rossica done by sister Mary, a most exquisite piece of work. Bailey has sent me a few Francis.

- Apr. 8th -

- Cambridge - Mass. -

The last ten days have passed quickly. It has been Easter recess Mar. 29 - Apr. 1 - Dr. Goodale's last lecture on Forests was most interesting. It related to Landscape Gardening. I have attended two of his lectures to the ladies at the Nat. Hist. Rooms. They were on Ferns. Thursday I spent at Dr. Kennedy's and had a meal, a delightful wine. There was a supper, very good, and on the place! Saw some elegant slides. Tuesday, the 5th, I spent the P.M. at Jamaica Plain with Mr. E. Faxon looking over his Herbarium. I have been carefully over the manuscript copy of Mrs. Owen's Flora of Mass. and spent nearly two whole days at it. It will be an excellent thing. L. L. Davis's Flora of Midd. Co. is coming soon. Mrs. Gray has given me a photo of Dr. Gray taken in 1866. I went to Waltham this P.M. with Mary Dexter. We went on to Prospect Hill. Clear windy & cold. Stormy view. No vegetation.



- 1888 -

- Apr. 22 -

- (Quincy - Mass. -

Sunday - Overcast, with occasional  
 light showers - My principal botany at  
 work during the past two weeks has been  
 to prepare and mount some 5 sheets of  
 (Canadian) plants sent me by Mrs. M.  
 L. Brown - The plants are very interesting.  
 Mrs. Owen has written me a letter ex-  
 pressing warmest thanks for my assistance -  
 the flora - I am going to have 100  
 copies of my sketch of Dr. Gray struck  
 off by Wilson. Uncle Robert has urged  
 me to - The buds are swelling, but  
 as yet that is about all. This P.M.  
 I walked over to the R.R. cutting, in  
 to visit the *Tussilego* ground - Found  
 some half dozen flowers only partly  
 open. Last year it was in good flower  
 on Apr. 23<sup>rd</sup> -



1888

131

Apr. 30  
- Cambridge Mass. -

Birthday Apr. 23<sup>rd</sup> - 40 yrs. old! - Weather during the past week has varied from very warm to chilly. The buds are opening, the grass is getting green and a few warm days will make a great change. Last Saturday I verified at the Gray Herb. the Canadian plants last mounted. I have also verified some for Mr. Churchill. Sunday E. H. Raymond spent some hours here examining the Mt. Desert flora that is in anticipation. I have just received a copy of the Engelmann Memorial from St. Louis, Mo. I shall have it bound. It contains all his publications and is a very handsome affair. I saw Mr. Kennedy yesterday in Boston on Beacon St. and had a nice chat. One of my great pleasures is to hear so often from my botanical friends. Prof. W. C. Bailey has just sent me from Iowa a collection of *Chenopodium* species some 18 species which I have just got ready to mount. This is the time to settle up my mounting account during the year.



- 1888 -  
Apr. 30  
- Cambridge Mass. -

Synopsis of W. Beecher's mounting  
- in the summer, winter & spring  
of 1887-8 - I began May 4 - 1887  
and ended Apr. 22 - 1888. I worked  
47 times. My longest days work was -  
Nov. 25 - 112 sheets ÷ up to Jan. 15 - 82 sheets -  
up to Aug. 14 - June 30 - 70 sheets. On 10 of  
the days I mounted 50 or over - even  
on all the other days - sheets from Herb.  
new sheets 1400 - 140

During the same time I have put in -  
Genus. Species ~~Kept~~ cum sp. Var. since sp. Crosses  
40 - 230 - 24 - 14 - 1 -



- 1888 -

- May 9 -

133

- Cambridge Mass. -

During the past 2 or 3 days there has been a grand jump in Nature and the trees are beginning to burst out in their delicate green. Last Friday (4<sup>th</sup>) Mr. Morong dined with me and spent the evening. We had a pleasant talk about his coming trip, especially to So. Amer. On Sat. P.M. at about 6 o'clock I was surprised by a call from Mrs. N. L. Britton. I knew she was coming to Cambridge but I didn't know she was here. I was very glad to meet her. She brought me the prototype of Dr. Gray for May no. of the Bulletin. They are a most excellent reproduction of the Page prints. Taken May 16-1887. Mrs. Britton dined with us Sunday and we spent the afternoon in my study & herbarium. Mrs. Britton is 31 yrs old. Birthday Jan 19. Mr. " " 30 " " Jan 24. Mrs. B. has been staying with Mrs. L. J. Livermore on No. Ave. M. & I called on them Monday evening. My 100 copies of my notice of Dr. Gray, reprinted by Wilton have come. It makes a very pretty pamphlet. Uncle Robert most kindly pays for them. May 3 I mounted 18 sheets of the Olney Caricatures. Prof W. W. Bailey wrote me a very interesting letter, May 1 -



- 1888 -

- May 10 -  
- Cambridge Mass. -

This P.M. I went up to Lake View  
Ave by the Water Works for a Poplar.  
The fields were white with *Houstonia*.  
*Populus grandidentata*, Michx.

Young & fl. Tree in field off Lake  
View Ave. near Fresh Pond -

- May 13 -  
- Cambridge - Mass. -

Since my last entry, almost incessant  
rain, equalled only I think by my ex-  
perience last summer in Montague.  
This P.M. I took the horse car for Water-  
town and got off at School St. and  
walked up over the hill to the Salp-  
Woods where the *Erythronium* grows in  
great profusion. (Comparatively speaking  
very little is out yet, though many  
plants are pushing out of the ground very  
rapidly. The *Arisaema* is just appearing  
a few *Erythronium* are out, the leaves of  
*Symplocarpus* are getting large, the little  
*Utricularia sessilifolia* is beginning to  
open its flowers, a little farther on by  
Clematis Brook and the railroad track  
I saw a number of interesting plants -  
*Carex Penn.* & *stricta* in staminate  
flower, *Sanguinaria* in full flower and  
shedding its petals, *Viola sagittata* in



Now, various species of ferns uncovers  
 their delicate fronds, the little white  
 Saxifrage covering the hill slope, patches  
 of the pretty *Anemone nemorosa*, *Trillium*  
*cernuum* in bud, the bud bending gradually  
 under the leaves, to open in blossom.  
 The small early crocuscus (*Antennaria*)  
 which under the shade of a stone wall  
 grows the *Viola pubescens*, var. *scaberrima*.  
 This is the only place I know of for this  
 plant. It is just beginning to flower  
 now. *Andrea Benzoni* is bright yellow  
 now with its singular cluster of flowers  
 and in the field by the road close to the  
 brook, *Althaea* (*inacense*) has completely  
 usurped a large piece of ground. Its narrow  
 green leaves are now nearly a foot high.  
 The flowers of the Red Cedar are well out.  
 The rain which held up in the early P.M. came  
 on again by 4.30. I walked back to the same  
 place for the horse car and reached home by  
 5.40.

*Erythronium Americanum*, Smith. }  
*Thalictrum dioicum*, L. & fl. }  
*Osunda Claytoniana*, L. young. }  
*Carex Pennsylvanica*, Lam. in & fl. }  
 Belmont.

*Carex stricta*, Lam. in & fl. (in Tussocks).  
*Juniperus Virginiana*, L. & fl.  
 Waltham.

*Osunda Claytoniana*, L. Bank Belmont.



- 1888 -  
 - May 14 -  
 - Cambridge Mass. -

Rain again though it held up this P.M. I took the train out from Boston to-day by the Fitchburg Depot at 4.15 and visited the spot by Fresh Pond marshes referred to in my note of May 21-1887. I found the *Myrica Gale* in good fl. The catkins are very caducous -  
*Myrica Gale*, L.  
 fl. Fresh Pond Swamp

- May 20 -  
 - Cambridge, Mass. -

A stormy week, but a most glorious day, to-day. This A.M. J. J. Greenough & I strolled up to Fresh Pond and visited the Water Works. This P.M. we took the 2.18 train for Waltham and went on to Prospect Hill. View glorious - everything brighter and green. *Viola sagittata* & *pedata* abundant. Plenty of *Aquilegia*, but mostly picked. *Vacc. vacillans* in flower. Saw a little *Asplenium Trichomanes*. *Arctostaphylos* abundant on the top in flower. Mr. Morong called Friday P.M. at 4.45. He went at 5.30.

*Ranunculus fascicularis*, Muhl.

Abundant on top of the higher summit of Prospect Hill, Waltham. Almost too late for flower.  
*Arctostaphylos Uva-ursi*, Spreng.  
 Top of Prospect Hill, Waltham. Flower Abundant.



- 1888 -  
- May 27 -  
Cambridge - Mass. -

137

We have had a very beautiful week, fair cool weather. Margie went with N.Y. to visit a cousin. Tues. returning Sat. Prof. W. B. Bailey sent me last week, a most interesting, but sad account of the tragedy of 1852 related in the East Gazette. L. H. Bailey writes a most entertaining account of his coming Mich. time and trip to Europe. Friday, Mr. Moore & I went out to Dr. Kennedy's in the 2.40 train. We had a delightful time. Went on to Blue Hill. Saw all the family. Returned after tea. This P.M. I went to Waltham and went over both summits of Prospect Hill. *Viola pedata* colors the slopes. The oaks are in full flower - all nature is fresh and bright. I collected a few things. Home & supper. Mr. Britton has sent me a number of pamphlets.

*Quercus alba*, L.

♂ fl. of same tree as that of Sept 18. 1887. Waltham.

*Quercus ilicifolia*, Wang.

♂ fl. Prospect Hill. Right hand side of road part way up.

*Viola pedata*, L. flower

*Lychnis quadrifolia* L - young plant,

~~Lychnis~~

*Ranunculus fascicularis*, Muhl. fruit.

Higher summit of Prospect Hill.

*Vaccinium pennsylvanicum*, Lam.

Blue Hill - Milton. May. 25<sup>th</sup>



- 1888 -

- May 29 -

- Cambridge - Mass. -

Rainy day, yesterday - Cloudy this A.M.  
 clear and warm this P.M. This P.M.  
 I went up to Fresh Pond and visited  
 the sunny slope at the Grove where I  
 gathered the large-leaved Viola in June  
 last Oct. 15-1887. The slope was covered  
 with Viola sagittata in flower, thus giving  
 a name to the fruiting plant. I showed  
 the fruit to Dr. Gray last fall, but he  
 was not willing to name it, but told me  
 to see flowers of it next spring.

Dr. Rusby has sent me his "Coca at  
 home & abroad" and Prof Trelease his  
 "Revision of the Geraniaceae".

*Viola sagittata*, Ait.

Sunny slope of Fresh Pond Grove. Same  
 locality as the spec of Oct. 15-1887.

- May 30 -

- Cambridge - Mass. -

Cloudy. This P.M. I went to Oak Island by the 3 o'clock train  
 Fitchburg Depot and returned by the Revere Beach R.R. in time for  
 supper. Decoration Day and crowds of people! Hoped to find  
*Cerastium arvense* on the beach but didn't. The woods at Oak Isl.  
 were fresh and green.

*Urtica perfoliata*, L. abundant. Full flower. }  
*Aclæa spicata*, L. var. *rubra*, Ait. }  
*Anemone nemorosa*, L. }

Oak Island Grove. Revere.



- 1888 -  
June 1 -  
- Cambridge, Mass. -

139

Took the train to Fresh Pond this P.M.  
*Populus grandidentata*, Michx.

Same tree the spec. of last May 10 -  
The pods are beginning to burst.

June 2 -  
- Cambridge, Mass. -

Took the 2.35 P.M. train B. & A. R. R.  
with Mr. Churchill & H. A. Purdie for Newton  
Highlands. Walked over to the Newton  
Filtering Basin in Needham which I  
visited June 7-1884. There was the same  
profusion of violets and I collected a  
number. They were in fine flower. It was  
a most beautiful day and we had a refresh-  
ing walk. Returned by the 5.57 train. I  
reached the house by 7.15.

*Viola palmata*, L.  
" *sagittata*, Sibth.  
" *lanceolata*, L.

Grassy slope, Newton Filtering Basin &  
back of Charles River close by, Needham.  
*Thalictrum dioicum*, L.

Roadside - Newton Highlands -  
♀ fruit - young -

I found abundance of *Carex stricta* young.  
I hope to get it later -



— June 3. 1888 —  
 — Cambridge. Mass. —

A most perfect day - clear and not warm. Fresh breeze. This P.M. Helen & May Dexter, Louis Drake and I went to Waltham and spent the time allowed on Prospect Hill. Each week shows a marked advance in the vegetation. The oaks and hickories are in full flower. *Quercus ilicifolia* is about gone by. *Viola pedata* is still abundantly in flower but it won't last much longer. He gathered a number of things and my smaller box was filled with flowers for the parlor, columbines, violets, *Silene Pennsylvanica* & ferns. Took the 5.06 train home. *Quercus prinoides*. Willd.

Summit Prospect Hill, 2<sup>nd</sup> Top. & Just over the stone wall below the beacon some 10 ft. from two small trees growing together. Marked the shrub. *Quercus alba*. L.

Same tree as spec. of last May 27 — & fl. *Carya tomentosa*, Nutt.

Prospect Hill. Near rocky ledge. Noted the tree. *Ranunculus fuscescens*. Muhl.

Summit of 2<sup>nd</sup> Top. Prospect H. & C. Good fruit *Amphicarpaea monoica*. Ell.

Seedlings. Prospect Hill. Same locality as the specimens coll. last, Oct 16 — *Quercus bicolor*, Willd.

& fl. Foot of Fresh Pond Lands on the left just round the corner — Cambridge —



June 5. 1888 -  
- Cambridge Mass. -

141

This P.M. I walked up to Fresh Pond and got  
a few plants. It was very hot.

*Ranunculus abortivus*, L.

*Luzula campestris*, DC.

Fruit - Shady bank by Pond. Near Fountain

*Carya porcina*, Nutt.

♂ spec. from the two trees from which I  
collected fruit last Oct. 8 -

*Geranium maculatum*, L. Bank by Fresh Pond

June 9th  
- Cambridge Mass. -

A pleasant P.M. with Dr. Kennedy in Milton.  
After a 1 o'clock dinner we took a horse & buggy  
and drove here and there through pasture  
stopping and entering woods & bogs at random.

It was quite warm, though quite cool

toward sunset. Found *Strethusa* abundant

in a bog - I got some plants of *Scilla*

fresh & Lloyd. Pleasant tea - took

the 7.53 train home. Reached the house

at 9.25 - Harvard has beaten Yale. Friends in the Sq.

*Cardamine rhomboides*, DC.

Rich wood - In flower.

*Ranunculus recurvatus*, Poir.

Fruit. Woods by brook -

*Ranunculus repens*, L.

Boggy field -

Canton



1888.

- June 10 -  
- Cambridge Mass. -

This P.M. I walked up to Fresh Pond  
and collected some specimens from some  
Caryas -  
Carya porcina, Nutt.  
3 Spec from the two trees of last Oct. & -

- June 12 -  
- Cambridge Mass. -

This P.M. I took the 2.35 train for Newton  
Highlands and visited the locality from  
which I got young Carya siccata June  
2. It was in fine shape. Took the 3.52  
train back.  
Carya siccata, Dew. (See L.H.B. fig. from similar spec  
sent him growing with them).  
Dry sandy bank - Newton Highlands.  
Thalictrum dioicum, L.  
Roadside, Newton Highlands.  
Same plant as spec. of June 2 -

- June 13 -  
- Cambridge Mass. -

I attended this evening the Memorial Meeting  
of the Amer. Acad. in honor of Dr. Gray. Mr. Whitton  
and Dr. Goodale read excellent papers and Dr. Fernald  
read a biography which was a masterly production.  
Pres. Ellinor made some remarks.



- 1888 -  
 - June 20 -  
 - Cambridge, Mass. -

I went up to Fresh Pond by the fountain  
 this P.M. and got a few plants -  
*Ranunculus abortivus*, L.  
*Luzula campestris*, DC. }  
 Fruit in pocket and specimen }  
 Ripe fruit }  
 Moist shady bank by the fountain.  
*Thlaspi arvense*, L.  
 Roadside. Abundant in one place  
 opposite 2<sup>nd</sup> house going directly away from  
 the fountain up the new road -

- June 24 -  
 - Cambridge, Mass. -

Yesterday was intense between 90° & 100° in the shade  
 in the P.M. I went out to Brookline & visited Mr. Fred.  
 Bowditch's apiary. It was extremely interesting.  
 Saw Queen, Drones, & workers, and comb in all its forms.  
 A number of workers in front of the hives were venti-  
 lating it.

This P.M. M. & I went up to Fresh Pond by  
 the fountain -  
*Ranunculus abortivus*, L.  
*Luzula campestris*, DC. }  
 Fruit. Same spot as spec. of last June 20.  
*Typha latifolia*,  
 Young. Same spot - as spec. of last - June 25 - 1888.



~ 1888 ~

June 26.

~ Cambridge, Mass. ~

This P.M., I met Mr. Morong at Geo. E. Davenport's and we went over to Charlestown and visited the Erie J. Ray, the bark that Mr. Morong sails in soon for So. Amer. She has not yet begun to load and it will take 3 wks at least. I went all over the vessel and it was very interesting. Mr. M's quarters will be in the cabin on the after-deck. His state-room is <sup>on the port side</sup> 10 ft. square and is opposite the Captain's. We met Capt. Ray who is a large, good looking pleasant man. The 1<sup>st</sup> Mate, by name Hamlin, was very polite to us. His wife and 5 yr. old girl go with him. Beside there are a 2<sup>nd</sup> Mate, Steward and 8 Sailors. Mr. M's room opens into the after-cabin. The forward cabin adjoining is the dining room. The mates' berths open from it. The sailors' quarters are on the forward deck. Mr. M. can take his exercise on the poop-deck. The bark is 3 masted and is 915 tons burden. She must be 160 ft long. The Capt. showed us on a chart, the route to Buenos-Ayres. It bears well eastward then turns S.E. using the N.E. trades passing not far from the Cape Verde Isles, then S.W. using the S.E. trades. Voyage 60-70 days. Dry & eat on board. Cargo of lumber - It rained torrents during the P.M.



- 1888 -

145

- June 29 -

- Cambridge Mass. -

Vacation is laid under way! Mr. Churchill & I went out to his house at noon and after dinner took the 2.30 train from City Crossing for W. Quincy. From there we had a most delightful tramp through the woods, moving about for 5 hrs. and coming out on the Randolph Turnpike, where we met Mrs. Churchill with a carryall. Yesterday and to-day it has been positively cold and we were cool all the time. The drive to Duxbury and the ride in the horse car to Boston was a cold one. The tramp in the woods was most refreshing. We saw a great many specimens of Quercus Prinus and collected a number of plants. Reached the Turnpike by 7.45. I reached home by 10.15. Last evening, J. M. Coulter & J. N. Rose came to the house. Jolly time. They went over my Umbelliferae & Fenus Hypericum.

*Carex folliculata*, L.

*Pogonia ophioglossoides*, Nutt.

*Typha latifolia*, L. pollen grains 4 celled.

*Holcus Cayatus*, L.

Low, swampy ground -

*Viola pedata*, L.

*Thalictrum dioicum*, L.

" *purpurascens*, L.

*Festuca nutans*, Willd.

Rich woods -

*Cardamine hirsuta*, L.

Running brook.

West Quincy.



- 1888 -  
 - June 30 -  
 - Cambridge, Mass. -

A pleasant day, slightly warm -  
 This A.M. I went up to the Garden and  
 saw Coulter, Rose & Mr. Watson.

This P.M., A. St. Purdie & I took the  
 2.30 train for Wellerly Hills and botanized  
 along the R.R. track and through the ad-  
 joining woods to Rice's Crossing where we  
 took the 5.11 train back. I returned to  
 Newton & thence home by horse car reaching  
 the home by 6.25 just avoiding a thunder  
 storm. I collected but 2 species of  
 plants but they were of much interest  
 and first finds -

*Lepidium campestre*, R. Br.

Flower & Fruit. This grows in the  
 greatest abundance in the sandy soil  
 by the R.R. track and on the adjoining  
 bank for the space of 1/2 m. from W. Hills  
 Station towards Riverside, N. side of track.

*Stellaria borealis*, Bigelow.

This also grows in the greatest  
 abundance in the same range as the  
 above in the brook by the track -



- 1888 -  
 - July 4 -  
 - Cambridge, Mass. -

July 1<sup>st</sup> I staid at home and spent a good deal of the time getting plants in the box &c. July 2<sup>nd</sup> Monday I went to the Garden in the A.M. and in the P.M. Coulter, Rose & I took the boat to Nantasket Beach. We remained about for 1½ hrs. and on our return, dined at the Pease House. Had a jolly time, Rose had never seen the ocean. July 3<sup>rd</sup> went to the Garden in the A.M. and had Coulter explain to me some points in the structure of the Umbelliferae. In the P.M. M. & I went to Boston and met Rosalind Larrabee at the B & O. Depot, 3.30 P.M. She was going to Mt. Desert with Miss Ryerson. We took her about the city till 5.30, when we returned home. Mounted 14 sheets in the evening. Mounted plants this A.M. sheets - Saw Coulter & Rose this P.M. They are coming to town tomorrow evening. Have received from Washington, Agrie Repner for 1887, Turner's Nat. Hist. of Alaska &c.



- 1888 -  
 - July 8 -  
 - Cambridge, Mass. -

Delightful weather. Was<sup>at</sup> the Garden  
 Sunday (5<sup>th</sup>) - (Cutter & Rose took tea  
 here in the evening - Friday (8<sup>th</sup>) We  
 there went out to Dr. Kennedy's. Had  
 a good time. Walk up Blue Hill  
 Air clear and cool. Very fine -  
 Home by 9-15 - Sat. (9<sup>th</sup>) Cutter &  
 Rose went off for Phila. by the  
 steamer. In the evening I  
 went to Dr. Goodale's. Pleasant  
 evening. He had his summer class  
 and a number of his old assis-  
 tants. This P.M. Mr. Hanson  
 went in to see Father with me  
 and later Mr. Smith of Sullivan  
 teacher of Normal School visited  
 my Herbarium -

July 9<sup>th</sup>  
 Waterville, N.H.

We took the 3.05 P.M. Hitching post and reached  
 Waterville by about 6 P.M. we were to visit at  
 Dr. J. H. Morison's for a week. The family con-  
 sists of Mr. & Mrs. & Miss Morison. House 1/2 m.  
 from the station (Horne's Crossing) on a hill, view  
 very fine; (contook river and valley stretch  
 north - Monoduck Mt. rises to the west, some  
 9 m off - Mr. Kearsage (Southern) visits at  
 north on a clear one. Hearty welcome -



- 17 -  
 100 -  
 100 -

I was out a great deal the day after  
 clear and warm - I collected a number  
 together at 8.15 - I went to the  
 river side I collected a number  
 some and got a few more in the  
 I walked up the road, the river was  
 in the middle of the road - I collected  
 a number of plants from the bank, the  
 beautiful stream - running among the rocks  
 and emptying into the marshy river  
 following the river a little way  
 I collected a number of plants  
 I saw a very beautiful red streamer  
 I collected a number of them - I got  
 some in a box - 15 p. & my place in the  
 This day, I was out a great deal  
 the day after, I collected a number  
 of the same plants - I collected a number  
 of the same plants - I collected a number

(arex aretata, Boott.

Roadside - Wood - Peterboro -

*Dicksonia pilosiuscula*, Willd.

*Rubus hirsutus*, L. & *Canadensis*, L.

Open field - Peterboro.

*Opuntia Acetodella*, L.

*Kalmia latifolia*, L.

*Glyceria nervata*, Trin.

*Linum catharticum*, L.

Deep woods by town level, h, She. n.

*Lilium Canadense*, L.

Wet field - Abundant.



1888

July 11 -

Peterboro, N.H.

A beautiful day - High wind. In P.M. and evening with heavy thunder storm in the latter part of the P.M. In the A.M. I went over to the so-called "Desert" a sandy hill some 1/2 m. from the house, vegetation very scant. From there I went through the woods and came out on the road at the foot of the hill leading up to the house. I collected but one new plant. Read in the P.M. in the parlor and drove to the town with Mr. K. Morrison. The town lies some 2 m. north of here. Hunt Morrison was bitten this A.M. by the St. Bernard dog on the place, a large pup, and there is much excitement about it. Real life of Harems in the P.M. There are very handsome trees about here especially White Pine, Sugar Maple and Beech and Elm. *Eleocharis tenuis*, Schultes, In sand, on the "Desert".



July 12 -  
Veterans. 1 X

A violent cold & wind all last night  
and the wind very strong to-day. Weather  
clear and breezy. This AM. I went  
down to Town Line Brook and followed it  
for some distance botanizing in the woods  
about. In reaching the second bridge I  
took the road out to the  
woods. I got off my bearings and went  
some miles and a half to the west.  
I went too far west. I luckily met  
Mr. R. (Mason) & family and drove home  
with them. Reached home just in time  
to get ready for dinner (1 1/2 PM). Put my  
plants in jars & attended to them & wrote a few  
the evening used Life & Letters of Emerson.

*Carex virescens*, Muhl.

*Rubus Dalibarda*, L. also in wood Peterboro - fl.

-seedling *Acer rubrum*, L.

Seedling *Hamamelis Virginiana*, L.

Sharon - town-line-rock.

*Mitchella repens*, L.

*Delia picta*, Lum.

Dicks nie bei's Santa Rita

6. Preterito \_\_\_\_\_

Carex torta, Boott.

This sedge lines the varden & forms fine mats  
in the most profuse quantities. The plants are  
nearly 3 ft high.



1878 -  
 July 13 -  
 Peterboro, N. H.

Day cloudy, cool, air clear, mountains seen.  
 I drove to the Fair. In the morning and  
 Dr. Morris and I walked through the  
 as far as the desert, gathering  
 plants in the desert. The return in time  
 is an hour. Dr. Morris is before  
 me. In the P.M. Dr. Morris took  
 me to drive some 12 miles through Peterboro.  
 The route led to the foot of East Hill.  
 We came back through the northern  
 part of the town down into the village.  
 Read and talked in the evening in the garden.  
*Coptis trifolia*, Salish  
 Fruit. Woods.  
*Polygonum cilinode*, Hx.  
 Roadside.  
*Aquilegia vulgaris*, L.  
 By stone wall - escape, near the road.

July 14 -  
 Peterboro, N. H.

A clear, cool day. The most distant  
 mts. plainly visible. In the A.M. I  
 went with Robert Morris to a cold,  
 sphagnum, quaking bog a half a mile  
 from the house. The spot was a very  
 interesting one and was filled with  
 plants characteristic of such places.  
*Menyanthes triflora*, *Scheuchzeria*



*Calopogon pulchellus*, *Toponia* sp.,  
*Nymphaea odorata*, *Smilacina trifolia*  
 (between fl. & fr.), *Cassandra calyculata* (main  
 growth), *Kalypia glauca*, *Peltandra*,  
*Sphagnum*, *Larix Amer.* On our return  
 home, we visited the peat bog which belongs  
 to Mr. Geo. Morison. In the P.M., looked  
 at foreign photos. and at 5 o'clock drove  
 over with Margie & Miss Morison to Mr.  
 Nat. Morison's at tea. Met Mrs. & Miss  
 Morison. Pleasant time. Drove home  
 just before dark.  
*Calopogon pulchellus*, R. Br.  
*Smilacina trifolia*, L.  
*Gold Sphagnum* var. *fl.*  
*Mnemonites trifolia*, L. fr. & fl.  
 July 15 -  
 Peterboro, N.H.

Very bright day. Church services in  
 the village. Drove home, 2 o'clock, with  
 Mr. C. E. Vaughan who came up last even-  
 ing and is visiting Robert Morison. In the  
 P.M. we all took a walk through a  
 grove of Sugar Maples near by. Fine  
 to tea.

July 16 - Cambridge, Mass.  
 Took the 10-21 A.M. train from Peterboro, and reached  
 Cambridge station at 1-52. Stopped at the Garden.  
 Saw Mr. Watson & Dr. Goodale and Manda. Called at  
 Mother's after dinner. Rec'd h. of red fly larvae fresh  
 from Miss Hedding. Left home 1-52.



1888  
- July 18 -  
- Cambridge Mass. -

For the past two days I have been busy poisoning & mounting plants. I have received a package from Bailey of plants collected during his Mich trip in June. The consist of Carices and others and make 35 sheets. The Carices especially are very interesting. Today I put into the box and mounted 56 sheets. Have been to the Garden twice to see Mr. Mowbray but he has not appeared. A Postall to-day informs me that he sails the 20<sup>th</sup> or 21<sup>st</sup> next. I hope to see him off. Collects winter from Crawfordville.

July 20 -  
Cambridge Mass

Have been busy with my plants and attending to various duties. Mounted to-day 23 sheets of Peterburs plants

July 21  
- Hingham Mass. -

This P.M. we came down here by train to stay a week with Mrs. Chubburne who has taken a cottage close by the water. The situation is very beautiful, half way between Hingham Landing and Downer Landing.



- 1888 -  
 - July 22 -  
 - Hingham, Mass. -

A pouring rain and fog all day -  
 Church this A.M. In the P.M. I took a  
 walk to Downer Landing, some 20 minutes off.  
 Melville Garden is very prettily laid out.  
 Read Darwin's letters in the evening  
*Melilotus officinalis*, Willd.  
*Dianthus Armeria*, L.  
 Roadside -

- July 23 -  
 Hingham, Mass. -

A Clear Day - This morning I took the  
 7-53 boat, Downer Landing for Boston reaching  
 the city by 10 min. of 9. I then went over to  
 Mystic wharf, Charleston to the Erie J. Bay  
 to see Mr. Morong off to So. Amer. I got  
 there by 10 o'clock. Miss Jones of Island was  
 there, besides, two other ladies, two gentlemen  
 from Ashland and Mr. Morong's son - Mr.  
 Morong was well and bright. The bark was still  
 not quite ready to go and we did not have the  
 pleasure of being tipped out of the harbor as  
 we hoped. Still we had a bright goodbye and  
 Mr. Morong showed me all his goods packed  
 in the ship, and his State room. They sailed a  
 day or two. I bade him goodbye and then called on  
 Mr. Churchill and arranged a trip for to-morrow. Took  
 the 2-30 boat back. Dr. & Mrs. Colidge to sea. Arthur Chadbourne  
 came down in the 3-40 boat and returned in the 9-30 to the Hospital.



1888  
- July 24 -  
- Fingert, Mass. -

A clear, rather warm day - Read Life of Darwin on the piazza, waiting for Mr. Churchill who appeared by about 12-30 p.m. We walked back to Downer's and, after Mr C. had enjoyed a steam table dinner, we took a boat and started off to Slate Isl. A pull of 40 min. brought us there. The Isl. is of a slate formation and covered with a pretty dense growth of *Rhus glabra*, & *typhina*, *Myrica cerifera*, *Rubus strigosus* besides other less conspicuous. We wandered over the Isl. and got a few interesting plants. Then we rowed back and over to Sailer's Isl. which we explored. It is covered with *Rhus glabra* & *typhina*, *Myrica cerifera*, *Gymnocladia dioica*, *Rubus strigosus* and few *Juniperus* Vieg. *Geranium lanatum* is abundant on both Isls. Mr. C. took the 6:30 boat back to Boston. I walked home, spent the evening on the piazza and in reading, fine display of fireworks at Hotel Manchester.

*Kaus glabra*, L. ♀ fl. Roadside.

*Citrullis perfoliata* Lam.  
*Vicia tetrasperma*, Loisel.  
 " *hirsuta* Koch.  
*Vepetū Cataria*, L.

State Isl. The crabs was scarce in the middle  
of the Isl. Vicia's profuse. V. lat. good fr., V. lat. only pods. 1 or late  
Kerackum, Ciceroneum, Michx.

*Zostera marina* L. Fruit - Sailor Isl. Bay.

The barque Eric  
a boat, called 15-day, a 10.  
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 84



- July 25 -  
- Hingham, Mass. -

A clear day, warm inland. This A.M. I walked to Hingham station and then followed the track to 4 m. beyond West Hingham station examining the flora of the railroad. Saw nothing unusual, except the myxotis palustris that has been here for ~~some~~ <sup>a</sup> long time. Then I took rather a straight line over the hills home. From the top of one hill, I saw a very fine view of the Harbor and the Ocean. This P.M. wrote letters. Arthur Chadburne came down in the 3.40 boat and returned by the 9.30 boat. I have given up our room at Kennebunkport as it does not seem to be satisfactory.

*Nasturtium officinale*, R.Br.

Fruiting plants - Ditch - W. Hingham -

*Syllocarpus foetidus*, Salisb. - "

~~July~~ 26<sup>th</sup>  
- Hingham, Mass. -

A bright, cool day, warm inland. I started off this A.M. and walked to Nantasket Beach. Taking the main road till it crosses the Nantasket railway and then following the track. The air was bracing and the walk enjoyable. Reached the station on the beach just in time to take the train at 11.02. I got out at Point Allerton and climbed up on the bluff. I had a fine view of



- 1888 -

The entrance to the Harbor - Boston Light  
 Pt. Egg Rocks, The Three Buoys &c.  
 In about an hour I was at a town  
 back to Hingham. The whole beach is al-  
 most a continuous row of buildings of all  
 sorts and the beauty of the beach is  
 I think largely gone especially near the  
 South end. The long strip of land has a very  
 scanty vegetation. *Andromeda comestora*, *Ceano-*  
*theca biennis*, *Calamagrostis arenaria*,  
*Melilotus officinalis* &c. In the P.M.  
 Mr. & I walked over to Hingham station  
 and took the train to the old Colony Station  
 1 mile beyond where we stayed an hour.  
 The beach train starts from here. I wanted  
 to look at some Lilies which I had no-  
 ticed in the morning and among which I  
 thought I had seen *L. superbum* - But no.  
 It was a very red *L. Canadense*. We  
 returned in time for supper. Read & let  
 letters of Darwin in the evening. Letter from Webb.  
*Statice Limonium*, *L. var. Caroliniana*, Gray.  
 Fall Marsh. Hingham.  
*Lilium Philadelphicum*, *L.*  
 " *Canadense*, *L.*  
 Hingham.  
*Oenopordon Acanthium*, *L.*  
 Hull - Head of the beach -



1888 -

159

- Hingham Mass. -

Stormed all day - This A.M. I called on Dr. & Mrs. Coolidge who are living in the town - Have finished Life & Letters of Chas. Davis, Vol. 1. Charming book. It is a scarce volume - sent for the mail before 11 a.m.

July 28 -

Strong N.E. wind, cool, chilly and threatening all day - Rain in the P.M. Stayed at home most of the day at read - Read Nepos - Called at Dr. Coolidge's in the P.M. and then went to the Post Office and met a Mr. Clark who is an old inhabitant of Hingham and knows the haunts of the common wild flowers. I had a pleasant talk with him and walked round to his house -

July 29 -  
- Hingham Mass. -

(Clear, cool day - Church this A.M. & evening - This P.M. I went on to Otis Hill with my field glass and compass and a chart of the Harbor and enjoyed studying out the view. Arthur Maybrone came down to supper returning by the 9.50 train -  
Cassia Chamacrista, L. Roadside -



- 1888 -  
 - July 30 -  
 - Hingham - Mass. -

A beautiful day. M. & I took the 9 o'clock Hingham Boat at Droners and went up to Boston. Got out home by 11-20. Went up to Mother's and found them pretty well. I took up some plants and brought back a few blotters. Took the 5-15 boat back to Hingham. Delightful sail each way. Found at home Corliss's Photograph, also Mrs. Owen's Nantucket Flora. She had a copy especially bound and interleaved for me. It is a very neat volume and admirably done. Found also some Florida seeds from Miss Reading.

- July 31 -  
 - Hingham, Mass. -

Cool, windy day. Tramped this A.M. for about 3 hrs. To Droners, then over the hill, following the shore to the East Weymouth Iron Works - then through fields & woods south to the main road Lincoln St. 1/2 m. or more below Burditt's. then home. Gathered a large amount of flowers for Mrs. Chadburne. Dr. & Mrs. Corlidge took dinner here. Read & wrote in the P.M. & evening.

*Barbarea vulgaris*, R. Br.  
 Roadside.

*Scutellaria galericulata*, L. } Head of  
*Cakile Americana* Nutt. (flowers in pocket) } each -  
*Lepigonum salicifolium*, Fries



- Hingham - Mass. -

Dear Scott - Read this Am Vol. 11 Life of Darwin. About 11 Am. went down to the bog & got the European *Myosotis* in the bog near the station. This plant introduced years ago, now fills the Hingham bogs & wet places. Arthur Chadburne came down this noon for 3 wks. Read in the P.M. and walked to the Post Office. Sat on the piazza after also read till bedtime -  
*Myosotis palustris*, withering.  
 Bog - near Hingham Station -

- Aug. 2 -

- Hingham - Mass. -

A hot day, foggy, very light wind. This A.M. Dr. & Mrs. Coolidge, Miss Lincoln and little girl, M. & I took the 9.27 train for Pemberton where we spent a couple of hours on the point watching the sails and steamers go by. Excursion steamers loaded. Took the 12.17 train back, reaching home by about 1 o'clock. After a nap in the hammock, Arthur & I took a shal-boat in the harbor. A. got a cat-boat from the Cove. Much to our amusement - just before weighing anchor, A. stepped overboard! Returned by 7.15. Piazza in the evening.

*Tragopogon pratensis*, L.

Single plant - at Pemberton, Hull, on the point. Escaped.  
*Cassia Clematista*, L. Hingham. Leaves closed. Coll. 7 P.M.



- 1888 -

- Aug. 3 -

- Hingham. Mass. -

A warm day, foggy, perhaps from fumes in Canada. This A.M. Arthur and I rowed over to Button Island and I made a list of the Phacelias which I saw on the Isl. We then went to the village and got some sail-cloth for a sail for about A. has hired. In the P.M. I took the 3.50 boat for Pemberton, and spent an hour botanizing on the point. I went especially for the *Tragopogon* and found a half a dozen of or more plants, almost gone by but I took some for the roots - Took the 5-20 train back home -

*Tragopogon pratensis*, L.

Pemberton, Hull - Strong point. Saw some half dozen plants -

*Anopordon acanthium*, L.

Akenes. Pemberton - Hull. ..

*Cassia chamaecrista* L.

Road side - Hingham -

*Salicornia ambigua*, L., Button Isl.

Aug. 4<sup>th</sup>

- Hingham. Mass. -

A cloudy day - Light rain in the A.M. & P.M. A. & I sailed over to Chandler's Isl. under a stiff stem breeze. Took a list of the plants of the Isl. Home to dinner. In the P.M. M. & I went over and took tea with her father & mother. Home before 8.

*Polanthes borealis*, L. {  
*Silene acaulis* L. {

Fruiting spec. Chandler's Isl.  
Seeds "



List of Phaeopanes on Button & Chandler Isls.  
Taken for the former Aug. 3, the latter Aug. 4.  
Those marked B. for Button alone, C. for Chandler alone.



- 1888 -

- Aug. 5 -

- Hingham - Mass. -

A fiercely hot day. Church this A.M.  
 Read on the piazza this P.M. Church  
 this evening. Heat almost overpowering.  
 Cassia Chamæchrista, L.

Sandy bank by the Episcopal church.  
 Coll. at noon. The leaves but half open  
 I expected to find them fully open and yet  
 thought I put them in a press on the  
 spot, they pressed closed.  
*Lonicocarpus conyzoides*, Nees.  
 Open woods ~

Aug. 6<sup>th</sup>

- Cambridge - Mass. -

A rainy, foggy day - Left Hingham  
 this A.M. by the 10.08 train and reached  
 Cambridge by 12.45. Spent the rest of  
 the day poisoning and distributing plants -

- Aug. 7 -

- Cambridge - Mass. -

Cloudy day - Went over to the Garden this  
 A.M. Nobody there. Analyzed a few plants.  
 Read Hay's "Relation of Japanese Plants to  
 Those of E. North America" (all on the ground).  
 Mr. Wright is still very sick. put some  
 plants in the box ~



- 1888 -  
 - Aug. 8 -  
 - Cambridge Mass. -

A cloudy day. Went to Boston this A.M. and visited the stock exchanges with Father. Saw Mr. Churchill. Have decided not to go to Kennebunkport. Am sorry but do not think I should see Dr. Kennedy enough to warrant it. Mounted 20 sheets this evening. Called on Mr. & C. Brewster on their first evening in their new house -

- Aug. 9 -  
 - Cambridge Mass. -

Day, cloudy, intensely hot. Took the 11.35 train at the Fitchburg Depot in Boston and got out at West Acton. Walked  $1\frac{1}{2}$  - 2 m. to Wassy Pond. Mr. Tuttle who lives by the Pond lent me his rubber boots and I hired his boat. Ate my lunch under the trees. Botanyized for an hour or so by and on the pond and got some splendid plants. Returned and took the 4 P.M. back to Cambridge. Home by 5.30. Arranged plants & read in the evening. Slightly overcome by the heat -

*Habenaria blephariglossis*, Hook.

Border of Wassy Pond. Acton. In sphagnum. The stalks of beautiful white flowers dotted here & there make a fine show.

*Sparganium angustifolium*, L.

*Xyris caroliniana*, Walt.

In Wassy Pond, by the edge, in water. Abundant.

*Nymphaea odorata*

Fronds - Wassy Pond, Abundant.



- 1888 -  
 5 Aug. 10 -  
 - Cambridge, Mass. -

A clear cool day - Stayed at home.  
 Called at Dr. Goodwin's. His daughter is  
 still very sick - There was a consultation  
 of physicians today - Did some reading -  
 Henry A. Purdie called in the evening -  
*Bichorium Intybus*, L. Fl. & root  
*Silene inflata*, Sm. Fr.

- Aug. 11 -  
 - Cambridge, Mass. -

A cool pleasant day. Windy in the A.M.  
 with a few rain drops. This A.M. I went  
 to the Horticultural Hall and saw a fine  
 exhibition of native plants by Mrs. Richard  
 of Medford (2<sup>nd</sup> prize) & Mr. Coburn of Everett  
 (1<sup>st</sup> prize) - I met Messrs. Hitchings & Fuller,  
 Mrs. Purdie, Churchill & I then dined to-  
 gether and took the 2.58 train for Winchester  
 to visit Winter Pond - It is a small piece  
 of water covered with Pond Lilies. Of its  
 singular Flae (Vide *Diary* Flora of Middlesex Co.)  
 we only found one species - Returned to  
 Boston - Home by 7.30 -

<i>Coreopsis rosea</i> , Nutt.	} Border of Winter Pond -
<i>Myriophyllum ambiguum</i> , Nutt.	
<i>Potamogeton Spirillus</i> , Tuckerm.	Winter Pond
" <i>hybridus</i> , Mx.	
<i>Lactuca integrifolia</i> Bigel.	Woods by Winter Pond.
<i>Juncus arvensis</i> , L.	Mud ground - Winchester.



- 1888 -  
 - Aug 12 -  
 - Cambridge Mass.

A cloudy, rainy day. Have been at home all day. E. L. Rand called this A.M. to study the *Solidagos* before going to Mt. Desert. Spent the A.M. with him in my Herbarium. Was busy in the P.M. floating the *Myriophyllum* & *Potamogetons* of yesterday on to paper. Much work. Took some roses to Dr. Goodale's daughter. Saw Dr. Goodale who seemed much encouraged. She was breathing easier. Had a most interesting letter from M. S. Bebb.

- Aug 13 -  
 - Cambridge Mass. -

Heavy rain all the A.M. Clearing with showers in the P.M. This A.M. Mr. E. H. Hitchings came out to see my Herbarium and spent the morning. Dr. & Mrs. Coolidge also came. This P.M. I went to Boston and see Mr. Churchill. A room is engaged for us at Hyannisport. We go Thursday the 16<sup>th</sup>. I then took a run down to Crescent Beach on the R.B. & Lynn R.R. to get *Galeopsis Ladanum* which grows there. Found it and got home by 6.30. Letter from Dr. Kennedy. Prof. Ward has sent me his article on Gray and Darwinism.

*Galeopsis Ladanum* L.  
 Crescent Beach Among stones at the head of the beach. Revere



- 1888 -  
 - Aug. 14 -  
 - Cambridge, Mass. -

A clear, cool day. - I staid at home most of the day attending to my plants and getting ready to go to Hyannisport on the 16<sup>th</sup>.  
 This P.M. I walked up to Fresh Pond to get a few plants -  
*Nasturtium sylvest.* R.Br.!

Growing in great profusion on the Read estate in the field among the grass close by the board fence between the Read & Russell Estates, and the wire fence between the Read & Brewster Estates. - It covers a space some 8 x 4 ft. and is now in fruit and freely dropping its seeds. Strange I never noticed it!  
*Carya porcina*, Nutt.

Leaving specimens from the same trees as those collected last June 10.  
*Populus grandidentata*, Mx.

Leaving specimens from the same tree as the spec. of last May 10 -  
*Myrica Gale*. L.

Fruiting spec. from the same clump of bushes and as the spec. of last May 14.



- Aug. 15 -

Amherst Mass -

A pleasant, cloudy day. Went in to the Lowell Depot to meet Mr. E. H. Hitchings for the 12 M. train for Winchester. He disappointed me and after waiting a long while, I took the 1.10 train and went by myself. Walked over to Winter Pond and after a search found the plants recorded below, but could not find *Echinodorus parvulus*. Did some errands in Boston on my return. My aunt is very sick and our visit to the Cape will be postponed.

*Gleoharis Engelmanni*, Stand. var. *detorsa*, Gray.

*Scirpus riparius* L. var. *Hallii*, Gray

Shore of Winter Pond. Owing to the apparent grazing of cattle at this point, the plants are kept down a good deal.

I saw a good deal of the former some of it eaten close, but not much of the latter.

My aunt passed away at 9.20 P.M.



- 1888 -  
 - Aug. 16 -  
 - Cambridge. Mass. -

An intensely hot day. I have been very busy to-day in regard to the services which are to take place to-morrow. I went to Malden in the A.M. to see Rev. E. J. Young, but he was away. This P.M. I went over to Canton to Mrs. M. S. Reeves where Dr. & Mrs. Coolidge are staying. I dined there. The Dr. will officiate to-morrow.

- Aug. 17 -

- Cambridge. Mass. -

Another intensely hot day. The funeral services of my aunt Margaret Ruthven were to-day at 12 M. She had passed her 90<sup>th</sup> birthday a few weeks ago. Dr. Coolidge officiated. But very few were present. We went to Mt. Auburn. Brother George arrived yesterday A.M. I went in to Boston with him this P.M. to the tailor's C. L. Hovey. We shall go to Hyannisport to-morrow.

*Ambrosia trifida* L., var. *integrifolia*, T. & G.  
 Brewster Place between sidewalk & street -



- 1885 -  
 Aug. 18 -  
 Hyannisport, Mass. -

A pleasant day. We went 5 miles in this A.M. and took the 1 P.M. at the Old Colony R.R. for here. Had a pleasant ride of  $2\frac{3}{4}$  hrs. I saw by the road on the way *Agrostis* *moschensis* - *abbatia*? and *Chim.* *Sukerba* - . Mr. & Mrs. Churchill met us and gave us a good welcome. We were in good luck at Mrs. Whiney's, a few minutes' walk to the ocean. There are fences about South with ~~few~~ *Agrostis* to the water. We found at the Hotel near by and hit with Mr. & Mrs. Churchill & John. Took a short walk after tea. Mr. Churchill took me to a place where I saw a bed of *Lonchus arvensis* at which I was much delighted. It was covered with fruit and every morning is covered with flowers. The train stops at Hyannis and from there a stage takes you some two miles to the point. Strawberry boys are very abundant - all about here. The age on the South Shore and the broad ocean stretches out before us. Nantucket lies to the South East beyond the horizon.



1888

May 17

Hyannisport, Mass. -

A glorious day, clear, with cool breeze. Breakfasted at 8.30. After breakfast - Mr. Churchill & I started off on a short rip along the beach and through some cranberry meadows along a creek fringed with the beautiful Cardinal Flower. Here and there was the beautiful large pink flowered Hibiscus which is certainly a queen amongst the flora where she has her habitation. After dinner we stowed our plants in a working room back of Mr. Churchill's house and then took a stroll of the beach - Mrs. C. & M. were too. Saw fiddler-crabs.

Home in the evening, writing -

- |   |   |  |
|---|---|--|
| <i>Hibiscus moscheutos</i> , L.                           | } Low sandy soil -  |  |
| <i>Cyperus diandrus</i> , Torr.                           |   |  |
| <i>Ludwigia palustris</i> , Ell.                          |   |  |
| <i>Xyris flexuosa</i> , Muhl.                             |   |  |
| <i>Drosera filiformis</i> , Raf.                          |   |  |
| <i>Scirpus validus</i> , Vahl.                            | } In a creek in the water.  |  |
| <i>Eleocharis acicularis</i> , R. Br.                     |   |  |
| <i>Potamogeton Claytonii</i> , Tuckerm.                   |   |  |
| <i>Tricularia</i>   | } The last profusely fruiting, choking a creek, floating with no sign of flower or fruit. |  |
| <i>Lonchus arvensis</i> , L.                              | } In sand by the beach.   |  |
| <i>Spartina stricta</i> , Roth. var. <i>glabra</i> , Gray | } In sand by the beach,   |  |
| <i>Juncus</i> , Willd.                                    |   |  |
| <i>Elymus Virginicus</i> , L.                             |   |  |
| <i>Salicornia ambigua</i> , Michx.                        |   |  |



July 17, 1888

A beautiful day, rather warm in the  
 This AM. Mr. C. & I started for Ea-  
 Wareham for *Lilium Superbum*. Mr. C. had  
 seen it there. Walked to Hyannis and by run-  
 ning at full speed some way just got on to  
 the rear step of the last car several seconds  
 after it had started. Waited a while on a  
 siding in Sandwich where we got some things of  
 the track of interest. Reached East Wareham some 25  
 miles off and found the *Lilium* gone by. In one  
 place near the station it was abundant  
 but scarcely the remnant of a flower was to  
 be seen. Mr. C. managed to get a very fine  
 specimen. I, alas, got none. Got our dinner  
 at a house near the station and took the 2.27  
 train from there back. I rode to The Port. Mr. C.  
 walked.

*Xyris flexuosa* Mill. var. *pusilla*, Gray. {  
*Hexia Virginica*, L. Flowers }  
*Cassandra calyculata* Don. }

Border of a bog. East Wareham -  
*Mollis verticillata*, L. }  
*Prenanthes alba*, L. }

By Old Colony R.R. East Wareham -  
*Lactuca leucophaea*, Gray. }  
*Solidago ulmifolia*, Muhl. }

By Old Colony R.R. Sandwich. Sagamore.  
*Fonchus arvensis*, L. Fruit. }  
*Elodea campanulata*, Pursh. Flower. }  
 Low, sandy ground. Hyannisport.

Memoranda (Camden, DE, 1888, East Wareham)



- 1888 -

- Aug. 21 -

- Hyannis, Mass. -

A most successful day - The weather was pleasant till about 10 A.M. when it began to rain and it continued raining off and on with slight intervals, the rest of the day. This morning it has grown into a rain with heavy wind. Mr. C. & I started off about 10 A.M. to find some ponds north of Hyannis Station where we were told the Sabatia *virginica* grows. We walked to Hyannis following the Railway track most of the way. We continued along the track some little way beyond the Station and then took the road which we followed for about a mile when we came to the first Pond, Lewis Pond by the road. The country here is quite flat, covered with a low dense growth of shrubs, and the pond is a small piece of water, resting in a wet flood. It had a sandy beach round most of it and a muddy bottom. We went down to the shore and were greeted with such a wealth of *Sabatia* growing on the edge and in the water that we went no farther but staid there and had our hands full of work, raining though it was, till 2.30 P.M. when we started back, got a very good dinner in Hyannis, drove home in the barge and have been busy with our plants.



Mr. C. took off his shoes stockings and trousers  
 & did the wading and collecting of the  
 plants that were out of reach from the shore.  
 The Pond is full of leeches and every time Mr. C.  
 came out of the water, a leech would scrape itself  
 off from his legs. They made the blood ~~thick~~ <sup>run</sup>  
 freely and Mr. C. is enthusiastic, overlooking such  
 trivial matters as leech bites is commendable.

- Elychnis macrostachya* ...  
*Juncus militaris*, Bigel. in shallow water  
*Hydreus squarrosa*, Mx. var. *pumila*, Torr.  
*Sabbatia stellaris*, Pursh.  
 " *chloroides*, Pursh.  
*Cyperus dentatus*, Torr.  
*Juncus pelocarpus*, E. Meyer.  
*Stachys hypsipifolia*, Mx.  
*Coreopsis rosea*, Nutt. in and out of water

Shore of Lewis Pond

No. 2 *Sagittaria variabilis* Engelm. In mud, border of Pond,  
 near the road, (var. *angustifolia* Engelm.)

No. 1 *Sagittaria gracilis*, Pursh.

In mud on a floating bog some 20 ft.

The shore on farther side of Lewis Pond,

*Sagittaria graminea*, Mx. fl. & fr. }

*Lobelia Dortmanna*, L. }

*Erechtium Roburii*, A. N. S. }

In shallow water, border of Lewis Pond.

*Xyris Caroliniana*, Walt

*flexuosa*, Muhl.

In floating bog, Lewis Pond.

*Lidao odora*, Ait. Roadside Hyacinth

*virginica*, L. In swamp by R.R. Hyacinth



- 1885 -

- Aug. 11 -

- Hyannisport - Mass. -

A most beautiful day. Cool & breezy.  
 Worked over my plants this A.M. and had a  
 sea bath at 11.30 - Water delicious. After  
 dinner, Mr. C. & I walked to Long Pond going  
 through Craigville, where there is a Camp  
 meeting. Some 3 miles the way we went to the  
 pond. Botanized on the border of the Pond some  
 time. New find, *Lachnanthes*! Leaves lined  
 with *Coreopsis rosea*. Took a shorter road  
 home of some 2 miles. Reached home by 6.30  
 arranged plants in the evening -

*Eragrostis major*, Nutt. }  
*Silybium officinale*, Scop. }

Sandy field - Hyannisport.

*Potentilla cordata*, L.

Brook - H. port - Took rootstock.

*Juncus Canadensis*, L. var. *compressicaulis*, Engelm.  
*Lachnanthes tinctoria*, Ell. }  
*Coreopsis rosea*, Nutt. fr. in pocket.

Shore of Long Pond - Barnstable -

*Rumex acetosella*, L.

Fruit. Field - Barnstable.

*Alex glabra*, Gray.

Young fruit. Thicket - Barnstable. Shore  
 of Pond.

*Hemiparthenocarpus Canadensis*, D.C.

Woods - Barnstable -



Aug. 23 ~

Hyannis - Barnstable.

A clear, cool day - Th. P. & I started off this A.M. for the ponds north of Hyannis Station. Took the stage to Hyannis and walked - There - Went past Lewis Pond and took first Half Way Pond where we did considerable botanizing, going entirely round the Pond, a beautiful sheet of water with sandy border mostly - Lachnites abundant - over way with Creeps' rosea. Then walked on to Israel Pond - here some work - Then back to Hyannis, lunched at the Restaurant and rode home. Walked in all some 5 miles - Worked in the evening.

Utricularia inflata, Water, Fruit, Half-Way Pond -

- Eleocharis melanocarpa, Torr.
- Sabbatia chloroides, Pursh.
- Cuscuta Gronovii, Willd.
- Limbristylis autumnalis, R. & S.
- Lycopus sessilifolius, Gray.
- Brasenia peltata, Pursh.
- Lachnites tinctoria, Ell.
- Limnanthemum lacunorum, <sup>Grisb.</sup> seedlings
- Sandy shore of Half-way Pond. Barnstable.
- Sparganium angustifolium, Michx.
- Pontederia cordata
- Rhynchospora <sup>angustifolia, Torr.</sup>
- Muddy border of
- Sagittaria variabilis, Eng. var. angustifolia, Engelm. }
- Rhynchospora glomerata, var. small form in beds }
- Border of Israel Pond - Barnstable.
- Utricularia clandestina, Nutt. } Shore of Israel Pond
- ~~purpurea~~ <sup>fibrosa</sup> Walt. } in water. Latter also in mud -
- Sagittaria, L. gibba, L.



- 1898 -

- Aug. 24 -

- Hyannisport, Mass. -

A clear, cool day. Am rather tired. This A.M. M.C. & I spent in the shed, analyzing plants and changing blotters. In the P.M. we all took a drive. We went past Long Pond by Shallow Pond, round Great Pond. Started by 2.30, home by 6.15. The views of Great Pond were very fine.

*Smilax glauca*, Walt.

Roadside. Hyannis.

*Lactuca hirsuta*, Nutt.

Roadside. Hyannis.

*Lycopus sessilifolius*, Gray.

Shore of Great Pond. Barnstable

*Eupatorium hyssopifolium*, L.

Roadside. Barnstable.

*Asteris furiosa*, L. print

- Aug. 25 -

- Hyannisport - Mass. -

A clear cool day. We staid at home this A.M. changing the blotters of our plants. After dinner we started in a team for Israel's Pond which we wanted to investigate a little more thoroughly. We got there about 3 and spent some time floating on 6 white sheets the various *Utricularias* mentioned below, which are all very abundant.



Wrote to Mr. May. (1)

Then we walked over a short distance to  
Round Pond where we walked and collected  
in its garden a good thing. *Scilla* re-  
*reticularis*. Got home by 6.45 -

*Utricularia inflata*, Walt.

" *purpurea*, Walt.

" *striatigibbosa*, Haed. *gibba*, K. *biflora*

" *clandestina*, Nutt.

Small Pond - Hyannis Barnstable -

*Peltaria reticularis*, Mx.

Shore of Round Pond "

~ May. 26 ~

~ Hyannisport - Mass. ~

A clear, cool day. Spent the forenoon  
with my plants. After dinner Mr. C. & I  
took a walk west of the town visited a  
small pond and then followed a road  
to the sea and walked over a good deal  
of salt marsh. Got back by 6.30, with  
but little of botanical interest. The views  
of the ocean were very fine and the air  
was cool and bracing.

*Convolvulus sepium* L.

fruit - open field -

*Bartonia tenella*, Muhl.

Low ground.

*Botrychium ternatum*, Ste. var. *obliquum*, Muhl.

Open pasture -

Bath before dinner



- 1888 -

- Aug. 27 -

- Hyannisport, Mass. -

A cool day - Clear in the early A.M. gradually growing cloudy - In the P.M. heavy Thunderstorm with hail - Clearing in the latter part of the P.M. This Morn. Mr. C. & I walked to a couple of Ponds some  $1\frac{1}{2}$  m. Towards Hyannis - Took a few plants - *Utricularia purpurea* in one pond was so abundant - that it gave a rich purple gleam in the sun light - *Lobelia Dortmanna* also whitened the water with its flowers. *Juncus militaris* is profuse and made a pretty picture with its tall pointed reddish tipped leaves - Home to dinner - Arranged plants this P.M. Took Tea at Mr. Cyrus Brewer's.

A very enjoyable evening -  
*Potamogeton* *Spirillus*, ~~Tuckerm.~~ } *hybridus* Mx.  
*Utricularia purpurea*, Walt. }

7 mts. Pond - Hyannis -

*Eleocharis olivacea*, Torr.

Muddy bog - In soft black mud, Hyannis.

Abundant - densely tufted in mats.

*Crinitida gracilis*, Ell.

Dry roadside - Hyannisport.

*Polygonum* ~~tenue~~ Mx *articulatum*, L.

Roadside - Hyannisport.

*Rhexia virginica*, L.

Low ground. Hyannis -



~ Hyannisport - Mass. ~

Cloudy and very cool all day - This A.M.  
Mr. C. & I went east over the R.R. track and spent  
the A.M. investigating some ponds. Got some good things  
In the P.M. we drove N.W. several miles, a short way  
beyond the Town House and walked round a small pond  
without finding much. Home through Centerville. Beau-  
tiful views and gorgeous sunsets -

*Scirpus pungens*, Vahl, fruit.

*Nelaea verticillata*, HBK.

Marsh - Hyannisport

*Eleocharis* " " In water

*Myriophyllum ambiguum*, Nutt.

In a small hole full of water in a marsh

Not far from the Sea - Hyannisport

*Eupatorium hyssopifolium*, L.

*Andropogon distachyoides*, Mx. ( = *C. virginicus*, L. ) } scoparius, Mx.

*Juncus Greenii*, (Akers & Tuckerm.)

*Solanum nigrum*, L. fruit.

*Juncus tenuifolia*, Vahl.

Open ground near the Sea - Hyannisport

*Polygonum pennsylvanicum*, L.

" *Hydropiper*, L.

Low ground, Hyannisport.

*Pastinaca sativa*, L.

fruit - Barnstable - roadside.

*Gerardia purpurea*, L.

*Juncus pelocarpus*, E. Meyer.

*Gimbristylis autumnalis*, R. & S.

Shore of Pond - Barnstable.

*Senecio arvensis* - H. Hyport.



- 1888 -

- Aug. 29 -

- Hyannisport - Mass. -

A clear day, with strong refreshing breeze. Spent the A.M. in the work-room, changing blotters and floating out specimens of yesterday's *Myriophyllum*. In the P.M. Mr. C. & I walked along the Shore East, as far as Lewis Bay investigating the pools, marshes &c. - Home to supper -

*Panicum Crus-Galli*, L., var. *lepidum*, Gray.

Salt-marsh with *Scirpus pungens*.

*Habenaria tridentata*, Hook.

*Bentonia tenella*, Muhl.

*Liparis Loeselii*, Richard.

Low ground.

*Scirpus maritimus*, L.

Fruit - Salt-marsh -

*Daucus Carota*, L.

Fruit - Waste ground -

- Aug. 30 -

- Hyannisport - Mass. -

A clear cool day with most refreshing breeze. - Mr. C. & I started off this A.M. with horse, buggy & traps for Shallow Pond some 5 miles from here. It was a beautiful drive through the dense growth of *Quercus ilicifolia* 3 or 4 ft. high that covers the ground for miles. This shrub is mingled with an occasional



Birch Pine, White Oak and the like  
 while *Smilax glauca* climbs profusely  
 about in an impenetrable tangle.  
 Here & there is a forest of Birch & Pine  
 still uncut. Reaching Shallow Pond,  
 we put up at Mr. Child's house where  
 we remained overnight. We spent the  
 day about and on the pond, using a  
 boat, belonging to the house. The pond is  
 a sheet of some 40 acres, nowhere more  
 than 12 ft. deep. *Nuphar advena*  
 & *Sagittaria* cover the surface. The  
 borders are lined with *Juncus militaris*.  
 The pond is close to mile in Great Pond, which  
 we walked along the shore for a short way.  
 The bottom of Shallow Pond seems to be covered  
 with a growth of *Myriophyllum* probably, *cap.*  
*lanceum*. We did not collect much. We  
 reached home by 7 P.M.

*Polygonum Hartwegii*, Gray. }

*Drosera filiformis*, Raf., seeds }

Border of 9-mile Pond. Bangsville.

*Polygonum tenax*, Michx. & *reticulatum*, Pers. }

*Sparganium angustifolium*, Michx. }

Roadside, Bangsville.

*Myriophyllum ambiguum*, Nutt., var. *linosyris*, Torr.

In mud, border of Shallow Pond - Bangsville

*Subbia chloroides*, Pursh

Border of Shallow Pond

*Limnanthemum lacunosum*, Griseb.

*Nuphar advena*, Ait.

Immersed forms, Shallow Pond. In some 4 ft. of water



~ 1888 -

~ Aug 31 -

~ Hyannisport - Mass. ~

A clear cool day. I was not well last night and all to-day have had a most uncomfortable <sup>feeling</sup> of nausea. M. has had this feeling for a week and I shall be thankful to get home tomorrow. Spent the day quietly packing my things and getting ready to leave tomorrow.

*Lathyrus maritimus*, L.

Beach. For account of the plant, see note on sheet in Herb.

Sept. 1 -  
Cambridge, Mass.

Home again. We left Hyannisport at 9.45 and reached home by 3.30 after various delays. M. felt very poorly and Dr. Chase has seen her. Weather cloudy. Trunks came this evening and I changed the blotter of my plants. Botanically speaking the trip was a great success and I am much indebted to Mr. Churchill for many interesting finds. Brother George called this 6.20.

*Aster ~~poly~~ polyphyllus*, Willd.

By the R.R. track - Hyannis -



- 1888 -  
 - Sept. 2 -  
 - Cambridge - Mass. -

A rather warm Sunday. Staid at home. Dined at Father's. M. has been pretty comfortable today. Doctor came again. Called at Dr. Goodale's. He had gone to Readville. Saw Mrs. Goodale. Her daughter is improving, though very slowly. Have been looking up authorities to my Hyannisport plants &c.  
*Hyoscyamus niger* L.

A fine flowering plant, appearing spontaneously in the garden at Father's. I have left a good portion of the plant for fruit.

- Sept 3 -  
 - Cambridge - Mass. -

A cloudy, cool day. Dr. & Joe Goodale and I took the 12 m. train for Readville. Spent a most delightful afternoon with Dr. Kennedy. After lunch, drove into Canton to Ponkapog Pond through the woods. In the water on the shore were *Xyris* (var. *liniana*), *Eleocharis Robbinsii*, *Tricostema septangulare* &c. After dinner, took the 6.38 train home. Found George at the house. M. seems better. Have received a small package of plants from Dr. Hille.

*Botanogon parviflorus*,  
 Shore of Ponkapog Pond - under water -  
*Lechea major*, Michx.  
 Open field: Canton -



- 1888 -

- Sept 4 -

- Cambridge - Mass. -

Cloudy, <sup>rain</sup> clear in the P.M. Staid at home to-day.  
 M. better. L. & children arrived this A.M.  
 from N. Harbor. Poisoned plants this P.M.

- Sept 5 -

- Cambridge - Mass. -

Cloudy clear in the P.M. ~~Mass.~~ Boston.  
 Called on J.R. Churchill. He ~~was~~ <sup>left</sup> Monday.  
 He found in Lewis Pond, *Utricularia subu-*  
*lata*, var. *cleistogama*, and on the sand near  
 the beach between the light & Lewis Bay  
 he found in abundance *Cyperus Grayi* -

He had both at the office. I took them home  
 and analyzed carefully the *Utricularia*  
 Took out of the bud the purplish corolla and  
 saw the two stamens - The corolla seemed to  
 have no spur - Dined with J.R. C.

- Sept. 6 -

- Cambridge - Mass. -

Very cool day. Spent all day at  
 the Herbarium, verifying the doubt-  
 ful plants of com. Barnstable. In-  
 teresting work. Mr. Watkin gave  
 me assistance. Did some Cabelline  
 in the evening. M. better.



- 1888 -  
 - Sept. 7 -  
 - Cambridge, Mass. -

Cloudy, cold day. Walked into  
 Boston this A.M. with May Dexter.  
 Dined with J.R. & who gave me  
 some more of the *Utricularia subu-*  
*lata*, var. *distans*. Wrote letter,  
 and labelled this evening. M. better.  
 Letter from Bebb M.S.

- Sept. 8 -  
 - Cambridge - Mass. -

A cloudy A.M., rainy P.M. & evening. Took  
 some of the *Utricularia* to Mr. Wilson at the  
 Herbarium this A.M. He was not there.  
 Saw Joe Goodale. He had *Spiranthes pinnatifida*  
*Walters*\* from near Grinnelston. Hope is so  
 for it to-morrow. Labelled plants this P.M.  
 & evening. Have finished up to today.  
 Have finished reading "Naturalist on the  
 Amazons" A most fascinating book.  
 M. better.

This proves to be only *S. cernua* -



~ 1888 ~  
 ~ Sept. 9 ~  
 Cambridge. Mass. -

Cloudy day, with occasional rain-drops.  
 Took the 1:10 P.M. train at the N. Cambridge  
 Junction Station with J. L. Goodale for  
 Peirce's Bridge Station in Lexington. From  
 there we walked 3 miles over a beautiful  
 road into Woburn to a bog, where we  
 found *Spiranthes cernua*,  
 growing in abundance. This was <sup>not</sup> the  
 plant we were to find. We took a good  
 many specimens. Got back to the Sta-  
 tion by 5 P.M. took the train, and  
 reached home by 6 P.M.

*Aster vimineus*, Lam.

" *radula*, Wit.

Roadside Lexington

*Artemisia vulgaris*, L.

Roadside - Lexington.

*Asclepias phytolacoides*, Rostk.

Roadside Woburn.

*Spiranthes cernua*, Richard.

Bog. Woburn —

\* as we hoped to find *S. graminea*, Walteri.



- pt. 10 -

- bridge, Mass. -

A clear cool day. Light clouds. At 9 A.M. Sordale & I took the 11:35 train at the Fitchburg Depot for West Townsend to investigate a field of *Calluna vulgaris*, recently reported. We reached there at 1:30 and got our dinner at a tavern. We then followed the R.R. track back towards Townsend Centre and found the field. It was a very pretty sight, though the frost had nipped many of the flowers. The largest patch was some 80 ft in circumference and the field of some 2 acres was covered here & there with smaller patches and isolated plants.

At Townsend, we called on Mr. & Mrs. Bell who reported the plant and there and in subsequent conversation with Eldridge Saunders who owns the field, we found that some 20 yrs. ago Mrs. Saunders' sister-in-law, had planted in that field seeds of the plant. Dr. Sordale is going to interview the lady who planted the seed - Jennie Moore, Ferry St., Cambridge. This, in my estimation, throws doubt as to the indigenous character of all the *Calluna* found in this country.

We left Townsend at 4:56 and reached home by 7 P.M.

*Calluna vulgaris*. Salisbury.

Pasture - W. Townsend. Planted years ago.

(Vide Note bottom of p. 175.)



- 888 -  
 - Sept. 11 -  
 - Cambridge, Mass. -

A cloudy cool day - I spent the day at home with the exception of a short visit to the Herbarium. Have worked over my plants.

- Sept. 12 -

Spent the P.M. in my Herbarium preparing some in the A.M. -

- Sept. 13 -

Prepared & finished the Cape plants in the A.M. - Mounted as specimens in the P.M. Have mounted up the Cape plants.

Sept 14  
 Cambridge, Mass.

To town in A.M. Again this P.M. and went out to Cedar Grove with J.R.C. for *Acnida*. It is abundant in the salt marsh. Home by 8.45.

<i>Passiflora</i> <i>Chamaecrista</i> , L. <i>Phaseolus diversifolius</i> , (Pers.) <i>Sporobolus</i> <sup>asper, panic</sup> <sup>"</sup> <i>raginifolius</i> , Vasey <i>Gerardia maritima</i> , Raf. <i>Polygonum aviculare</i> , L. <i>Acnida rhyssocarpa</i> , Mx. <sup>"</sup> <i>canadensis</i> , L. (The single plant)	} Gravelly soil by the R.R. track. Cedar Grove. Dorchester.  } Salt marsh. Cedar Grove. Dorchester.
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- 1888 -

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Sept. 15 -  
Cambridge, Mass. -

A clear, cool day. Froge drove me to Boston this Am. Called on Mrs. [unclear] at 76 Marlborough St. She has some new plants for Mantucket. J. R. C. & I took the 12.10 train Lowell Depot for Lexington. Tramped from Lexington to Mr. Tabor Lincoln whose ledges we climbed. Then went on to Silver Hill Station, Weston on the Fitchburg road which we reached by 7 P.M. in time to catch the last train. Had to run the last half mile. Tramped in all to-day about 10 miles. The views were very fine to-day, especially from Mr. Tabor. We found on the ledges what we went for, *Eupatorium sessilifolium*. J. R. C. had it there some 10 years ago. Car stopped at Cambridge. Home by 8.10

<i>Geum album</i> , Emelin.	} Roadside.
<i>Aster vimineus</i> , Lam.	
<i>Oenothera biennis</i> , L.	
<i>Aceracium paniculatum</i> , L.	} Border of ditch
<i>Cicuta bulbifera</i> , L.	
<i>Hypericum mutilum</i> , L.	

Lexington -

*Eupatorium sessilifolium*, L.

Ledges on Mr. Tabor, Lincoln. Abundant. I found only 2 patches in good flower, where there was an exposure with sun. Most of it was in shade and flowering very poorly.

*Potentilla arguta*, Pursh. Saw considerable in one place.)  
*Muhlenbergia sobolifera*, Trin. one patch 2-3 ft in diam.)  
*Polygonum Texense*, Michx.

*Agropyrum ciliatum*, R. & H. edges on Mr. Tabor, Lincoln.  
*Polygonum cuspidatum*, Escape Roadside Lexington  
 4 ft high -



~ 1888 ~

~ Sept 16 ~

~ Cambridge, Mass. ~

Cloudy - rain towards evening - Spent the day at home with my plants - Have put a good many of the Cape plants in ~~press~~ the mounting box -

~ Sept. 17 ~

~ Cambridge, Mass. ~

Rainy day - Did some work at the Gray Herbarium this A.M. Worked on my Cape plants this P.M., putting into the box -

~ Sept. 18 ~

~ Cambridge, Mass. ~

Rainy day - Went to Boston this A.M. and brought Dr. Salina Lennaber out to the house where she will stay till Thursday - She is returning from Mt. Desert - Called with her at Mother's and at Mrs. White's & Mrs. Bennetts - Some of the family came down in the evening -

~ Sept. 19 ~

~ Cambridge, Mass. ~

Cloudy, without rain - Spent the day, shopping this R.L. night in Boston & Cambridge but to Gay's herb. Tea at Mother's in the evening -



1888.

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- Sept. 20 -  
- Cambridge Mass. -

Heavy clouds all day - Slight rain at times.  
Took Mrs. W. L. through the College Buildings this  
A.M. She went to Boston in the 8.15 and  
I saw her off on the 3 P.M. train for  
Chicago. Then went and saw O.R.C. and  
we went to the Exhibition at the Horticultural  
Hall of Fruits & Flowers. Very fine -  
Put Cape plants in the box this evening.

- Sept. 21 -  
- Cambridge, Mass. -

Rain all day. Some thunder & lightning -  
Have got all the Cape plants in the box.  
Now for mounting -

Sept 22.  
Cambridge, Mass. -

The sun has been struggling all day  
through the clouds but this P.M. it began  
to rain again. I have mounted to-day  
100 sheets, a great relief. Bailey  
writes me from Dublin. Ralph has  
said we've didn't lose a meal.  
I have just written him a long  
letter. - Mr. Watson has sent me a  
letter from S. F. Olney -



- 1888 -  
 - Sept. 23 -  
 Cambridge, Mass. -

(Under good rain, today, I mounted the  
 2018 of the Gloriosa plant, 52 sheets. The  
 collection from the greenhouse is about  
 100 sheets. I have yesterday's mounting  
 all arranged in four boxes of 100  
 for distribution -

- Sept. 24 -  
 Cambridge, Mass.

A most beautiful day, Sun bright,  
 air cool. This A.M. I went to the Garden.  
 There met Dr. Goodale who had with  
 him 2 gentlemen from Ireland, living  
 in Dublin who had come with a  
 letter from the Editor of the Nation.  
 Their names were R.W. & V. Scully.  
 The former a Botanist. Dr. S. being  
 busy, I showed them the College Build-  
 ings before dinner. This P.M. May  
 Dexter & I went by car to Bemis walked  
 along the river back to Watertown and  
 took the train to W. Camb. and then  
 back home by C. - The scenes along  
 the river were lovely -

*Myrica Gale, L.*

Same <sup>clump</sup> bushes as spec. of last May 14 -  
*Salix alba, L.* Lake Umbagog

Same tree as spec. of May 22-1887.  
*Impatiens fulva, Nutt.* Fruit. Watertown Newton



~ 1888 ~

195

Sept 25

Cambridge-Mass

A most glorious day. Dr. Goddard & I took the  
8 A.M. train Lowell Depot for Tewksbury to in-  
vestigate the Calluna patch. We visited the  
patch under the guide of the man who was  
the owner and found it was a disabbling  
scurvy & very much of Alder & White Birch  
and the deposit of plant-robbers. The  
plants were a space of some 12 ft in diameter  
and took weak. Dr. G. gave the man \$2  
to clear out the place so as to admit sun-  
light & to put up a sign warning off trespassers.  
Mr. Sitt had lived on the place 17  
years and says that a Scotchman who lived  
near by knew of the Calluna but knew  
nothing of its introduction. Still I see nothing  
to imply that it is indigenous. It might have  
got in, in many ways. We then went to  
Andover and called on Mrs. J. Blake whose  
husband died lately and was a good botanist  
and old friend of Dr. G. and Mrs. Blake  
is trying to tell the large Herbarium.  
We returned to Boston reaching the city  
by 2.45. Then home. Mr. H. C. Brown  
called in the evening and spent 3 hrs.  
with me in my study. He is working up  
the Flora of County Kerry and I heard  
with much interest, his remarks on  
the Flora of Ireland. (Dr. Goddard finds that  
Jennie Moore is forgetful about the Calluna though she remembers  
describing it over. Saunders' statement is doubtless correct.) Vide Sept 10.



- 1888 -  
 - Sept. 26 -  
 - Cambridge + Mass. -

Terrible rain all the A.M. Beautiful clear  
 P.M. & evening. Poisoned a little ~~the~~ <sup>the</sup>  
 and went over the coll. collection - This  
 P.M. went to Boston, called on J.R.C. and  
 went out to Dorchester with him to get  
 some interesting plants, succeeded in doing so.

Took tea and staid till 8.30 looking  
 over some of his plants. Home by 10 P.M.

*Eupatorium ageratoides*, L.  
*Solidago latifolia*, L.

These two plants grow vigorously in  
 the grounds of Mr. Sharp on <sup>Long</sup> St.  
 Dorchester, in a shady dell, with  
 the condition of *Solidago caesia* -  
 The plants have been growing there  
 for years and before the place was  
 built upon at all and was a large  
 open field - The plants are un-  
 doubtedly indigenous - Mr. J.R.C.  
 collected them from there as native  
 plants in 1882. Mr. Sharp has allowed  
 this dell to keep its original character  
 and it is a very charming spot.

- Sept 27 -  
 - Cambridge + Mass. -

In school till 1.15 - Visited the Century plant in  
 bloom at Hort. Hall - Florious day - Saw a few  
 plants in the box this evening - The figs are  
 ripe on a stalk some 3 in. diam. & 25 ft. high.



Sept. 28 -  
Cambridge Mass.

A beautiful day. Very light showers in the P.M.  
At school till 1 P.M. Then at home to  
J.R.C. office. He was off. Hanging out  
Hort. Pouches. Called at the garden and  
had a walk with Mr. Nelson. He is pre-  
paring the Science & Soil for the new Museum.  
He told me that the Cape Allen was  
A. polyphylla. I am glad to hear this.

Sept. 29 -  
Cambridge Mass.

At school till 1 P.M. (called on J.R.C.)  
and lunched with him. He had a fine time  
yesterday on the Blue Hills with Pouches.  
Read a French book in the evening.

Sept. 30 -  
Cambridge Mass.

Cold day. Have been at home.  
Read French and did a little work  
on the Gal. plants. Wrote letters.  
Received a letter from Bailey from London  
and answered it. Scope took tea  
with us.

Oct. 1. Cambridge Mass.  
1<sup>st</sup> day of school. Called on J.R.C. in P.M.  
Mended 26 Sheets before dinner.



- 1888 -  
 - Oct. 2 -  
 - Cambridge Mass. -

Rainy - To the Herbarium this P.M.  
 to verify some Cal. plants. Saw Mr.  
 Watson - Distributed yesterday,  
 mounting this evening

- Oct 7 -  
 - Cambridge Mass. -

Since my last entry, at my leisure mo-  
 ments I have <sup>been</sup> naming the Cal. plants.  
 Have finished all but a few Compositae.  
 To day, I walked this P.M. round Fresh  
 Pond with May Dexter & her George.  
 Everything is very wet as it rained in-  
 cessantly yesterday & this A.M. The  
 leaves are changing and Fall is really  
 upon us -

*Quercus bicolor* Willd.

Found specimen from same tree as  
 I spec<sup>s</sup> coll. last June 3<sup>rd</sup>. I coll.  
 this today. It is too late for good spec<sup>s</sup>  
 of the oaks. I should have coll. them  
 nearly 3 wks ago -

Cambridge Mass. Oct. 12 -

Have finished <sup>naming</sup> the Cal. plants. Visited a  
 number of them at Gray Herb. Oct. 10 - Poisoned  
 last batch of my own collecting this P.M.  
 Am getting over a very bad cold -



- 1888 -  
- Oct 14 -  
- Cambridge, Mass. -

199

Still rain & disagreeable weather. Yesterday Oct 13, I spent the A.M. at the Gray Herb. verifying the rest of the Cal. plants. This evening I poisoned them all. This P.M. I took a drive with brother George through Belmont. It was cold & chilly. Received to-day "Flora of R. I." by J. L. Bennett.  
*Lindera Benzoin*, Meisn.  
Fire fruit by Clematis / Brook, Waverly.

- Oct. 15 -  
- Cambridge, Mass. -

A glorious, sunny day. This P.M. went J.R.B.'s office and at 4 o'clock we took the cars for the South End on Harrison Ave. Got out at E. Chatter Park and between Albany St. & the N.Y. & N.E. R.R. by the sidewalk and in all waste places was growing in the wildest profusion.

*Chenopodium ambrosioides* & *Artemisia biennis*. Leaves of latter frost-bitten.

Home by 6.30

*Chenopodium ambrosioides*, L.  
*Xanthium Canadense*, Mill., var. *echinatum*, Gray.  
Waste ground, So. End - Boston.  
*Lepidium Virginicum*, L.  
Seedlings. Same locality as above.



~ 1888 ~

~ Oct. 20 ~

~ Cambridge Mass. ~

The past week has been a very disagreeable one both as regards weather and dyspepsia. Tuesday I went down to Newburyport with B. J. Legate and spent the evening looking at the maps and photographs illustrating his trip to Egypt in the summer. Returned early the next AM. to school.

Thurs AM. I went down to Plumton Ave and collected a few plants by the river near the Dover Stamping Co's Works. Called at the Garden and saw Mr. Watson. This PM. George & I drove to Waverly and along No. 52 a short way beyond Mead's Pond. The leaves are changing and dropping fast. Collected a few things.

*Acerida rhyssocarpa*, Mx. }

*Triplex patula*, L., var. *hastata*, Gray- }

*Asplen subulatus*, Mx. }

Salt marsh by Chas. River Cambridge

*Solidago canceolata*, L. }

*Chamaecanthus*, L. }

*Ligustrum vulgare*, L. }

Waste ground, Belmont.

*Asperula repens*, Mx. }

*Hypericum nudicaule*, Walter, }

*Trifolium arvense*, L. }

Roadside. Mattam.



- 1888 -

- Oct. 22 -

201

- Cambridge, Mass. -

A very uncomfortable week for me - Monday, the 22<sup>nd</sup>, I had a very large back tooth out, with gas, and my face has ached most all the week, to say nothing of my old dispepsia. I feel quite nicely now. Another rainy Sat. today has prevented my taking a trip with J. R. C. I have planned to go off with him every Sat. since Oct. 1<sup>st</sup> and have been prevented every time by the rain. We have had some beautiful days this week. I have succeeded in mounting the Cal. collection - Bailey writes me an enthusiastic letter from Norway. I called on Mr. Geo. B. Mendenhall this week, also on J. R. C.

- Oct. 28 -

- Cambridge, Mass. -

A cloudy day, wet. Took a walk this P.M. with George to Fresh Pond, visited my Myrica Gale and went round by the Glacialis. Saw a large patch of Phragmites by the Fitch. on R.R. at the head of the Glacialis by Alewife Brook. I finished this A.M. the Cal. collection and they are now stamped, dated and ready to distribute. I shall append here a list of them -

*Myrica Gale, L.*

fruit same clump as Card May 14 -  
The leaves are beginning to fall. They have changed color. Most fall readily, if touched -



A list of plants collected in San Diego Co. Cal.  
in 1888 by Geo. E. Deane - They are in Herb.

- |   |  |
|---|--|
| <i>Clematis pauciflora</i> , Nutt.        | <i>Apiastrum angustifolium</i> , Nutt.                 |
| <i>Delphinium simplex</i> , Dougl.        | <i>Baccharis viminea</i> , DC. &                       |
| <i>Platystemon californicus</i> , Benth.  | <i>Eguiera laciniata</i> , Gray.                       |
| <i>Meconopsis heterophylla</i> , Benth.   | <i>Layia elegans</i> , T. & G.                         |
| <i>Eschscholtzia californica</i> , Cham.  | <i>Baeria nutica</i> , Gray.                           |
| var. <i>Douglasii</i> , Gray.             | <i>Chaenactis tenuifolia</i> , Nutt.                   |
| <i>Streptanthus heterophyllus</i> , Nutt. | " <i>artemisiacifolia</i> , Gray.                      |
| <i>Sisymbrium canescens</i> , Nutt.       | <i>Senecio californicus</i> , DC.                      |
| <i>Histurtium officinale</i> , K. Br.     | <i>Stephanomeria runcinata</i> , Nutt.                 |
| <i>Capsella Bursa-pastoris</i> , Moench.  | <i>Gilia dianthoides</i> , Endl.                       |
| <i>Calandrinia Menziesii</i> , Hook.      | " <i>achilleaeifolia</i> , Benth.                      |
| <i>Oxalis corniculata</i> , L.            | <i>Ellisia membranacea</i> , Benth.                    |
| <i>Opeoridium dumosum</i> , Hook.         | <i>Phacelia tanacetifolia</i> , Benth.                 |
| <i>Lupinus affinis</i> , Agardh.          | " <i>Parryi</i> , Torr.                                |
| " <i>micranthus</i> , Dougl.              | <i>Amsinkia spectabilis</i> , T. & G.                  |
| " <i>sparsiflorus</i> , Benth.            | <i>Linaria Canadensis</i> , Dum.                       |
| " <i>truncatus</i> , Nutt.                | <i>Collinsia bicolor</i> , Benth.                      |
| " <i>microcarpus</i> , Sims.              | <i>Pentstemon antirrhinoides</i> , Benth.              |
| <i>Trifolium amplexans</i> , T. & G.      | " <i>cetranthifolius</i> , Benth.                      |
| <i>Medicago denticulata</i> , Willd.      | <i>Mimulus brevipes</i> , Benth.                       |
| <i>Astragalus leucopsis</i> , Torr.       | " <i>glutinosus</i> , Wendland.                        |
| <i>Prosopis juliflora</i> , DC.           | <i>Orthocarpus purpurascens</i> , Benth.               |
| <i>Teucrium affinis</i> , Boland.         | <i>Salvia carduacea</i> , Benth.                       |
| <i>Oenothera biennis</i> , L.             | " <i>Columbariae</i> , Benth.                          |
| var. <i>hirsutissima</i> , Gray.          | <i>Populus Fremonti</i> , Watson.                      |
| <i>Oenothera bistorta</i> , Nutt.         | var. ? <i>Wislizeni</i> , Watson.                      |
| var. (?) <i>Veitchiana</i> , Hook.        | <i>Allium unifolium</i> , Kell.                        |
| <i>Oenothera strigulosa</i> , T. & G.     | <i>Calochortus splendens</i> , Dougl.                  |
| <i>Megarrhiza californica</i> , Torr.     | Species = 49 - Varieties = 4<br>- Ver. at Gray Herb. - |







~ 1888 ~

- Nov. 12 -

- Cambridge, Mass. -

I have passed a most painful week owing to an ulcerated tooth which ended by putting me to bed. Tues & Frid. nights (6<sup>th</sup> & 7<sup>th</sup>) I scarcely closed my eyes. I lost part of my work at school. Did not go in to-day, but went to my dentist, who has relieved me. I trust I am over it now. I had a call Tues. P.M. & Wed., and went to Dr. W. & Gailor's rooms on the evening of the 7<sup>th</sup> to meet Dr. C. L. Anderson from Santa Cruz Cal. Some 15 were present and we had a most enjoyable time, spread included. Among the guests were Prof. C. S. Sargent, Dr. Lorenzo Watson, A. B. Seymour, W. Savory, K. Miyabe, Prof. Eisenmann.

I have had a letter from Bebb this week. He says he is upset and has lost his botanical interest, but does not say why - I have written him.

- Nov. 14 - Cambridge -

Am quite over my troubles now, I think. This P.M. I went to the Garden and saw Mr. Watson who showed me a strange letter Bebb had written him much like mine.

*Hypoxenus niger*, L.

Fruit & root. Same plant as specimen coll. by me last Sept 2. Garden, growing spontaneously -



- 1888 -

205

- Nov. 19 -

- Cambridge, Mass. -

I have mounted and distributed Mr. Fay's package of plants. There are some interesting Carices among them. I was much rejoiced today to receive a letter from Mr. Morong from Buenos Ayres dated Oct 10. This is the first word I have heard from him since July 23 when I saw him on the Park. All my Herbarium work is now practically through. My tooth troubled me yesterday but it is about over to-day. Letter lately from Bailey from Berlin telling me to write him no more - He is turning towards home.

- Nov. 24 -

- Cambridge, Mass. -

Clear, cold weather, during the week. I have trouble from my face, since last entry. Letter & Postal from Bailey from Leipzig & Vienna. My botanical work is quite cleared up for the present. This P.M. I walked up to Fresh Pond to visit the Myrica Galle. *Myrica Galle, L.*

Same clump as spec. of last May 14. The fruit is still on the shrub but a jar of the branch in picking it causes it to drop. I took some fruit and some already formed & buds. *Cuscuta Gronovii, Willd.*

Fruit & seeds, by Fresh Pond Swamp.

*Leontodon autumnalis, L.*, Fruit - Fresh Pond Swamp -



— 1888 —

— Dec. 3 —

— Cambridge, Mass. —

Remendous snow-storm Nov. 25, rain  
26 & 27 clearing the land. Nothing of  
special botanical importance since last  
century. Saw Dr. Goodale at his house  
late. Met Mr. J. D. Smith of Ballin-  
at the Garden. Letter from  
Mr. Reginald Sully, Dublin. He sent  
me his "Notes on Some Kerry Plants"  
reprinted from the Journal of Botany.  
Saw J. R. Churchill to-day first time since  
Nov. 5.

*Lycium vulgare*.

Fruit. Mr. J. H. Wells' garden.

Nov. 26. 12:00. Ave.

Yesterday, Dec. 2 - I visited again the  
Merrica Gate L. which I last saw on  
Nov. 24. It still holds its fruit  
about as well as when I last saw it.  
It breaks up easily by pinching it or  
shaking the branch. I mean to visit  
it at intervals to see when the fruit  
has fairly gone —



- 1888 -

- Dec. 19 -

207

- Cambridge, Mass. -

The most interesting botanical event since my last entry was the most unlooked-for appearance of L. H. Bailey, on the evening of Dec. 11. He had been in New York and come on here for a couple of days. He spent the night and had a long talk in my Herbarium. He looked over a lot of my *Carex*. And he returned to Ithaca and will soon be at Ithaca, Cornell University. Miss Reading has sent me a package of very nice plants.

- Dec. 23 -

- Cambridge, Mass. -

Clear, cold weather, since last entry. Recess now till Jan. 2<sup>nd</sup>. Dec. 21<sup>st</sup> I dined with Dr. Goodale and met Mr. J. Donnell Smith and Prof. Hyatt. Had a delightful time. Saw circulation in cells of *Anacharis* to perfection, also nucleus under 300 diameter power. Letter lately from Barnes who is well & busy. W. W. Bailey sends me a Xmas card drawn by himself, a mushroom. L. H. Bailey has given me "Grecke's Flora of Germany". School dinner at Meusset Freres yesterday. Walked out home. Photo. from W. W. Bailey. *Myrica Galea* L. Fruit. Same clump as last May 14. Fruit still on the bushes, but dropping at a slight touch.



- 1888 -  
 Dec. 31 -  
 - Cambridge-Mass. -

Last day of the year and a most delightful one too. I have been enjoying a week's recess. Christmas eve passed pleasantly. I received a very nice Coddington lens from Chicago and a knife from J. R. Olmsted & Co. Dr. Sordall gave me some of Dr. Gray's Mrs. J. 1879 Trans. Bot. Text Book.

Sunday I spent at Mr. J. R. C.'s among his plants. Nice time. He gave me all his duplicates a large pile.

Yesterday was a clear, mild day.

To-day I went to Providence by the 1 P.M. train and met W. W. Bailer for the first time. Enjoyed him very much. Stayed till 6:30 Met his wife and children. Staid to tea. Walked over the College grounds and went into some of the buildings. Returned home by 9 P.M. L. H. Baird

writes me that he is settled in Ithaca now at Cornell Univ.

C. R. Barnes & wife send a very pretty dish to (Maxie)

H. W. Henshaw called lately. He has given me a large bundle of plants.



- 1889 -

209

- Jan - 10 -

- Cambridge - Mass. -

Weather remarkably mild. No snow. Mercury  
ranging as high as 60°+, not down to freezing for  
some time. The New Year has fairly begun.  
I have done one morning's work Jan 1 at  
The Garden with some of Mr. Churchill's plants.  
Bad little texture for botany. Have labelled  
all his plants and now am putting in with  
the ones I want to mount. Fine plants.  
Have heard from L. H. Bailey, jr. & W. W. Bailey.  
The latter is putting me up a package  
of Olney's Caries.

- Jan. 14 -  
- Cambridge - Mass. -

Weather perfect, clear, cool, no snow -  
Sat. P.M. the 12<sup>th</sup> I went to Salem with  
Kendall and I left at 8 o'clock. Mr. Kendall  
escorted me after lunch to the Peabody  
Academy, where I met John Robinson  
who showed us the building. The natural  
history of Essex Co. is splendidly represented.  
I had a most agreeable ride with Mr. R.  
Then we went to the Essex Institute  
where I met Dr. Wheatland, the President,  
quite an old gentleman. Saw a painting  
of Maynard Cutler. Then I went and saw  
the house of Hawthorne's birth and the house  
where he died. Saw House of 7 Gables. Staid to dinner.  
Reached home by 9.30 P.M.



1889

Yesterday the 13<sup>th</sup> I walked up to the Pond and visited the Myrica Sale. There is still a good deal of fruit remaining of the Brambles, largely due I think to the open weather, no severe storms. I tied 3 yellow strings to the fruit stalks on 3 branches to see what becomes of them in the spring. They probably drop off. I refer with talk on collect several catkins (?) are some. I mark the spot thus: - At a distance of 12 rails from the switch on the inner curve is a small ditch running under the track between 2 sleepers, but a few inches deep. Opposite the 5<sup>th</sup> & 6<sup>th</sup> sleepers, on the outer curve counting back towards the switch, within 3 or 4 ft. of the sleepers are the strings -

This P.M. (the 14<sup>th</sup>) I went to 755 Tremont St. where Dr. A.B. Moray lives and where his mother Mrs. Thos. Moray now is. I wanted to inquire about Mr. Moray from whom I have had one letter only. They had heard but 3 times the last time being from a letter dated Nov. 2, Assumption, Paraguay. He was well, better but, living high. He hoped in Feb. to cross the Andes to Chile.

I have received from W.J. Beal his New Botany, and the Mich. Forestry Commission for 1888 full of interesting matter on the forests.



- 1889 -  
 - Jan. 21 -  
 - Cambridge Mass. -

Clear, mild weather with foggy morn-  
 ings & light nights for the past week, with the  
 exception of 2 nights. Snow last night  
 & storm this winter. Dined with Dr.  
 Kennedy on the 18<sup>th</sup>, in Roxbury. Have re-  
 ceived a large bundle of Carices from  
 the Olney Herbarium in Providence  
 letter from W. F. Bebb concerning some  
 Willows I sent him. L. H. Bailey  
 writes from Ithaca N.Y. - Mr.  
 Robinson of Salem sends me a number  
 of his pamphlets. Have put in the  
 box J. R. Churchill's plants and have  
 have mounted some 70 sheets. There  
 will be some more. Saw J. P. C.  
 to-day. Went to the Carter & Co.  
 to see about mounting paper. A  
 entirely out -

Jan. 29 -  
 Cambridge Mass. -

A light snow storm which has almost gone a few  
 days ago. Have been working at intervals during  
 the week on the Olney Carices, preparing them  
 and filling out labels &c. There are very nice  
 ones among them. Mrs. Morong writes that Mr. Morong  
 is in Paraguay still. Dr. Kennedy & I took tea  
 with J. R. Churchill on the 25<sup>th</sup>. Pleasant time.



- 1889 -  
Feb. 3<sup>rd</sup>

- Cambridge Mass. -

More perfect weather since last entry. Have received from Dr. Sattinger a corrected copy of his Flora, a very nice package of plants and his photograph all of which please me much.

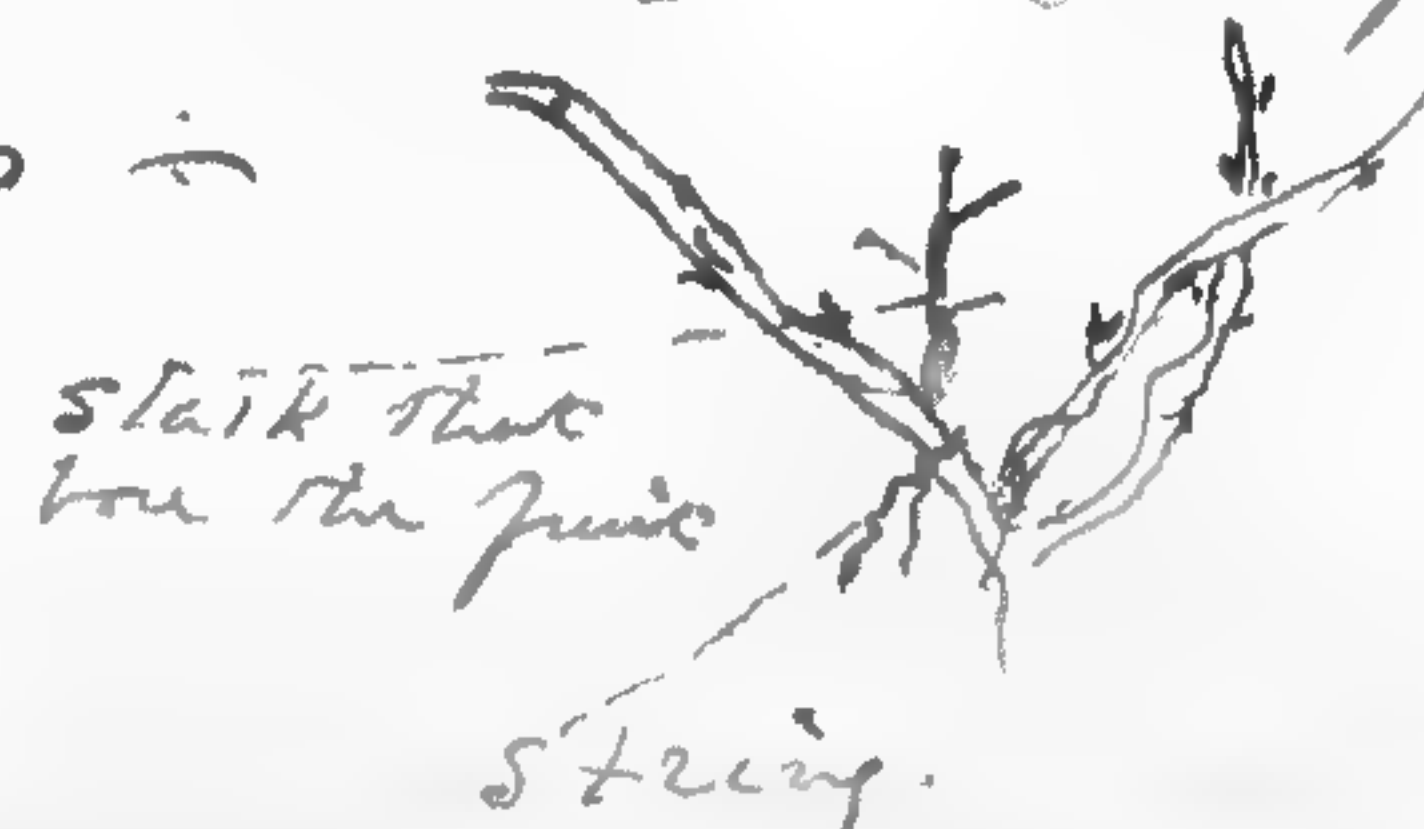
To-day Sunday, George & I drove over to Brighton and went the length of Commonwealth Ave. to Chestnut Hill Reservoir then down Beacon St. across to Cottage Farm, over to Brighton Hotel and home by Condit Ave. saw the electric cars. Rode on our yesterday to Allston and walked home - Saw Mr. Watson & J. D. Smith at the Garden, Friday - Hurry of snow in the P.M.

- Feb. 10 -

Cambridge Mass. -

The week has glided by. Weather fine. Rather cold at times. Light-fall of snow on the night of the 7<sup>th</sup>. Have put all of the blue plants in the box. Letters from Bebb, Bailey, L. H. & W. D.

Visited the Morris Gate this P.M. Fruit still lingers but is mostly gone. This string tied given below the stalk opp. the 6<sup>th</sup> sleeper. Note of Jan 14 - is as follows -





- 1889 -

- Feb. 17 -

213

- Cambridge Mass. -

Sunday - Fine weather for past week. Snow has almost gone. Received a most interesting letter from Mr. Moring from Asuncion Paraguay, Feb. 11, 90 was dated Dec. 28<sup>th</sup>. He is bright & well & busy. He longs for good appetizing food.

Dr. Kennedy came out with me on the 13<sup>th</sup> P.M. and we enjoyed a botanical afternoon & evening. H. H. Tucker of Athens, Me. has sent me a few very nice plants.

I called on Mr. Ganong on the 12<sup>th</sup>. He gave me a few plants from N. B., among them *Rhinanthus Cruc-galli*. good rooting specimens with flower, fruit & seeds.

Feb. 11, I did considerable copying of Salix matter for Mr. Bebb from Book at the Gray Library. In the evening 11<sup>th</sup> Drs. Eordale & Kennedy called and visited my Herbarium.

Friday I visited the new Athletic Building and dined with Volkman afterwards and went to the Park Theatre to see Kosma Rocks. Very funny.

To-day I mounted some 33 sheets of the Olney Carices.

Have just had a beautiful "Travellers Chart of the World" framed and hung up in my room. It came from the Hydrographic Office at the Custom House.

Called at the Custom House on the 14<sup>th</sup>, saw Lieut. Doones, who gave me some interesting charts.



- 1889 -

- Feb. 27 -

- Cambridge, Mass. -

Another Sunday. The past week has been clear and quite cold. This A.M., mercury at  $0^{\circ}$ . Have emptied my mounting box and distributed the sheets. E. L. Rand came up and spent the evening of the 21<sup>st</sup> with a package of Mt. Desert plants which I verified. Letters from Bebb, L. R., Bailey, W. D. Bailey.

- Mon. 7 -

- Cambridge, Mass. -

Much rain since last entry. Mon. 3<sup>rd</sup> visited my Myrica Sale. Put strings on two  $\varnothing$  stalks, opp. 13<sup>th</sup> sleeper beyond the ditch in which see note on Jan. 14. The fruit still lingers. Wrote Mr. Morong a long letter on the 3<sup>rd</sup> inst., Sunday. Last evening, I went to the College of Pharmacy corner Garrison & the Bowdoin St. and heard a very interesting lecture by Dr. H. W. Ruby on "The Floral Features of the Amazon Valley". I had a pleasant talk with him afterwards.



- 1889 -

- Apr. 12 -

- Cambridge Mass. -

Miss Peabody sent me a box of fresh wild flowers  
from Pass. Can. Min. last Sat. day of Mar. - *Houstonia patens*  
*Gallium floridanum*. *Cheptala* Tom. *Cudom. Mt.* *Ranunc. pusillus* &c.

During the past week month, I have been busy with botanical work of various kinds. etc. -  
Prof. L. Howard's solicitation I have described and sent on to him 40 tubes and genera of plants in the Century Dictionary. I have also assisted him in various ways at the Botanic Garden. I have also received a package of very interesting Curries from R. S. Williams, Great Falls, Montana, among them a species new to my Herbarium within the Manual limits, *C. alpina*. Mr. Bebb has sent me his photo. I was so glad to see in that way the man with whom I have had so pleasant a correspondence. Photos also from Prof. J. S. Ward and a still engraving of Mr. Durling for Hon. Wash. Townsend, West Chester Pa. Mr. S. Watson has given me his photo. an excellent likeness. Apr. 3. I wrote to Mr. Morong - I long to hear again from him. Mrs. Morong has just heard. He is in Paraguay and well! I have heard very often from Mr. Bebb lately. He sent me his "Notes on N. A. Willows, IV" to criticize which I did on 7 pages of foolscap. It is a most interesting paper.

Flours

8 fl. shrubs by the R.R. track near the Myrica Hall, Cambridge, Mar. 31 -  
Hill Oct 6 - 1889.



- 1889 -  
 - Apr. 14 -  
 - Cambridge, Mass. -

Grass green in places. Willows catkins out in swamps. The ♂ fl. of *Myrica Gale* are out on some plants. I saw a few out on the clump I have been visiting all winter.

I found to-day the ♀ fl. thrusting their 2 styles bright red, above the bud scale and the ends of the branches.

*Myrica Gale* L.

♀ fl. Same clump, Fresh Pond swamp, as specimen of May 14-1888 -

- Apr. 21 -  
 - Cambridge Mass. -

Vegetation slowly appearing.  
*Myrica Gale* L.

♀ fl. Same clump as spec. of May 14-1888

- Apr. 24 -  
 - Cambridge Mass. -

This P.M. J.R. Churchill & I went out to Mattapan and walked long distance along Blue Hill Avenue, Milton. Collected a little and returned to Dorchester where I staid to tea. Home in the evening.

*Juniperus Virginiana*,  
 ♂ fl. Milton.

*Salix*

♀ & ♂ fl. Roadside, Milton. ♀ 6 ft high - ♂ 2 ft high



1889  
 Apr. 29 -  
 Cambridge, Mass. -

*Salix*  
 ♂ & ♀ fl. low ground by R.R. (Fitchburg) near  
 where Alewife Brook passes under the track.

*Myrica Gale, L.*

♂ fl. Same patch as May 14-1888.

I received on Apr. 26 a letter from Mr.  
 Mamey dated Mar. 8<sup>th</sup>. It is the 3<sup>rd</sup> I  
 have received. He says he has written four.  
 One of mine has not reached him. It is a  
 bright letter full of interest.

- May. 4 - Cambridge -

*Salix*

♀ fl. same shrub as last Apr. 29.

*Proserpinaca palustris, L.*

Early form, bog. in water. Cambridge -  
 close by the Myrica Gale.

May 5 - Cambridge

An afternoon with J.R. Churchill. Drove from Dorchester to W. Quincy.  
 Mrs. C. Anna, & Felix went with us. Home by 9.15 P.M.

*Salix*

Central Ave. Milton - ♀ two bushes

Woods - W. Quincy ♂

♀ - diff. fruit from  
 apparently same bush.

*Chamaecyparis sphaeroidea, Spach.* Swamp

*Juniperus communis, L.*

Woods

*Betula lenta, L.*

Roadside Milton. bark aromatic. ♂

*Prunus pennsylvanica, L. f.*

Woods - W. Quincy -

*Ribes*

*Carpinus Americana Lam.*

*Acer saccharinum, Wangerm.*

*Amelanchier Canadensis T. & G. var. oblongifolia, T. & G.* Roadside Milton.



- 1889 -  
 - May. 12 -  
 - Cambridge, Mass. -

Yesterday went up to Fresh Pond Swamp.  
 Menyanthes in full flower - To-day. Took  
 a party including my niece to Prospect Hill  
 in Wellesley - - Gloriosa Day. Aquilegia, Viola  
 pedata, Arctostaphylos, Vaccinium Penn. var.  
 4 cups in fl. in profusion - Home to tea  
 Laticx  
 May 11-12. Same shrub as last Apr. 27 -

May. 13<sup>th</sup> -  
 - Cambridge Mass. -

Synopsis of W. Deane's mounting for the  
 year from May, 1888 to May, 1889. I began  
 May 3-1888 and ended Apr. 22-1889. I worked  
 28 times - as follows - May. (1) - July (5) - Aug. (1) - Sept. (3) - Oct. (4) -  
 Nov. 2 - Dec. 2 - Jan. 2 - Feb. 5 - Apr. (3) - The largest mounts were  
 Sept. 22 - 100 sheets - Feb. 22 - 80 sheets - Sept. 16 - 59 - July 18 - 56 - Sept. 23 - 52 -  
 Rest below 50 - New Sheets Sheets for Herb.  
 Summary of year's work. - 855 - 58 -

During the year I have put in Herb. - New.  
 Genera - Species Var. cum. sp. - Var. sine sp. - Crosses.  
 12 - 59 - 3 - 11 - 1 -



- 1889 -

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- May 28 -

- Cambridge, Mass. -

I have been sick and confined at home since the 15<sup>th</sup> with tonsillitis, dyspepsia, and for one or two days with rheumatism. (Was on my back nearly 5 days. Went to school for the first time again yesterday. I received a letter from Mr. Moring, yesterday (27<sup>th</sup>). That makes the fourth. He is remarkably well. Last May 7<sup>th</sup> I was much surprised at our last meeting of the Shakespeare Association to be presented with a copy of Bentham & Hooker's General Plantarum for my services as Secretary for over 6 yrs. What more desirable work could I have received. I never was so surprised. Mr. Watson called on me in my illness. Also Dr. Kennedy. Mr. C. L. Rand very kindly presented me May 1<sup>st</sup> with "Folk Lore of Plants" as a recognition for my services in his Mt. Desert Flora. A. V. Patterson ~~has~~ has sent me 310 species of Man. Plants + Fossils & Grasses of Noct. Mex.

*Rumex acetosella*, L.

♀ fl. Fence Row - Cambridge. Brewster St. May 24.

- June 5 - 1889 -

- Cambridge, Mass. -

*Lepidium rudérale*, L.

Garden St. Opp. Arsenal.

Roadside -

*Lychnis viscaria*, Sibth.

Garden St. Fence Row -

*Lepidium rudérale*, L.

Roadside by Concord Ave. Coty. Ab!



- 1889 -  
June 9  
- Cambridge, Mass. -

Walked to Fresh Pond & back - Got tired.  
Yesterday, letter from Mr. May, He will  
stay another year at Aluncion - Rose & wife  
from Washington -

*Lepidium rudérale* L.

Abundant fence rows, Concord Ave. Between the  
brick yard & Fresh Pond -

*Myrica Gale*, L.

♂ & ♀ branches from the clump of May 14-1888.  
They show scars of ♂ fl. & the varied position of fr.  
*Falix*

Leaves from the ♂ & ♀ plants of Apr. 29 last.  
*Nasturtium sylvestre*, R. Br.

Fence rows, field, Read estate, Vide Aug. 14-1888.

June 21-1889 -  
Cambridge - Mass.

Saw Mr. Watson at the Garden this P.M. -  
*Lepidium rudérale*, L. }  
" *virginicum*, L. }  
Waste ground - Dump -

- June 24 -  
- Cambridge, Mass. -

*Solanum dulcamara* L. }

*Geum album*, Gmel. }

*Senecio vulgaris*, L. }

*Medicago sativa*, L. }

Grassy field off Brewster



. 1889.  
- June 26 -  
- Cambridge, Mass. -

*Thlaspi arvense*, L.  
In cultivated land. At Father's.

- June 30 - Cambridge.

Vacation began June 20<sup>th</sup>. On July 2<sup>nd</sup> we are off for East Gaffney, N.H. The town is 1032 ft above sea level. Mt. Monadnock is 3718 ft high. We go to Mrs. A.D. Pierce's boarding house. Mr. & Mrs. C. Kettell & child will come up to the same house by the middle of July.

*Lepidium ruderale* L.  
Dump. In Duplicates.  
*Bromus racemosus*, L.  
Waste ground -

July 2<sup>nd</sup>  
East Gaffney, N.H.

Left Boston by the 3.05 train reaching here by 6 P.M. One mile to the house of Mr. A.D. Pierce. It is a lovely spot, surrounded by hills & woods. We have a west room. I have a work room quite large, on the east side. M. stood the journey well. 5 boarders here now.

*Thlaspi arvense*, L.  
In cultivated land at Father's  
*Lupinus sativa*  
Mossy field of Dr. ...



1889  
- July 3 -  
East Taffrey, Vt

Rain all day, with short intervals of cessation. I have spent the day fixing my work room, reading Patrick Henry, & napping. Went down into the meadow before dinner, off the house and prowlis and a little. It is low ground cut by ditches. Saw the usual mass of plants *Securaria* in places, *Scirpus validus*, *Glyceria fluitans*, &c. Took a short stroll after tea.

*Carex echinata*, Murr. var. *microstachya*, Boeckl  
Bog off the house -

~~Carex~~

~~Meadow~~

July 4 - 1889

Rain most all day. Took a 3 mile walk before dinner. Saw nothing of special interest botanically. Scenery very lovely. Read & wrote letters during the day. It cleared up by sunset and I saw Mt. Monadnock for the first time rising in the West.

*Minulus ringens*, L. } Growing by a brook -  
(*Carex maritima*, Tuckerm.) }

July 5 - E. Taffrey -

Clear, cool, glorious day. In A.M. started with the ladies to a hill some 2 1/2 m. off whence was a grand view of the Mt. with Thoreau's Pond in foreground. Strolled over hill & woods off house in P.M.  
*Hemerocallis fulva*, L. Hillside near farm a ruin of a house.  
*Carex echinata*, Murr. var. *microstachya*, Boeckl. Bog -  
Woods



- 1889 -

July 6.

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East Jaffrey, N.H.

A most perfect day - Took a short stroll 11  
and P.M. by the brook and in the woods on the Dub-  
lin Road near the house. The Yew is very abundant  
filled with its red fruit. Finished *Capitane Trifolgar*,  
*Ranunculus aquatilis*, L. var. *trichophyllus* ~~Chenop.~~ Gray -

In a clear running brook  
*Sisyrinchium anceps*, (at)

Open field  
*Dalibarda repens*, L.

Rich woods -

*Clintonia borealis*, Raf. Fruit Rich woods -

July 7 - East Jaffrey.

Pleasant day - Thunder shower in the P.M. This A.M.  
wrote letters and took a walk through the woods N.W.  
of the house and through the meadows on the Dublin Road.  
Have begun Thoreau's "Cape Cod" -

*Tricentalis Americana*, Pursh. P.B. Fruits - Woods

*Brachyelytrum cristatum* Beauv. Damp ground border of woods

July 8 - East Jaffrey -

Pleasant day cloudy - slight rain in the P.M.  
Found out this A.M. that my new suit was stolen from the  
express station Sat. evening. Went to the station and found  
that the thieves had entered by the window, examined what  
they took in a freight car and selected my suit (\$45). I shall  
recover damages as I have seen the Superintendent - (Walker)  
home near Jaffrey (Ciree, 4 m. in all). In the P.M. drove to Shattuck's  
& the Ark to see about rooms for Lucy & children. Found none.



- East Jaffrey - July 9 -  
- East Jaffrey - July 10 -

Pleasant day all day, clouds hanging low - I cut  
it under the Am. in Dublin Road and in the  
m. in. I found it here - in the road - in the  
m. in. I found it here - in the road - in the

*Polypodium Thapsus*, L. (1/2 high - (top of yellow leaf and  
*Chimaphila umbellata*, Nutt. (1/2 high  
*Eleocharis acicularis*, R. Br. (1/2 high - (top of yellow leaf and  
This plant grows in the  
ditches in the meadow, in one place almost choking it.  
It is, I think, the same as what I got in the  
River a few years ago and couldn't get the name -  
It roots in the mud and has a running root-stock.  
It shows no sign of fruiting.

- East Jaffrey - July 10 -

Disagreeable day - Clouds heavy & low. Went in  
the A.M. Read Thoreau's "Cape Cod" in the A.M. &  
changed blotter - In the P.M. took down to the express  
office to my old bill which I received to-day. The  
Co. will doubtless pay me in full - I  
then took the Peterborough road for 2 m. then the  
1/2 m. cross road to the Dublin road, then straight home  
1/2 5 m. walk in all - Note & collect this way -

*Hypericum taceum*, R. Br. (1/2 high - (top of yellow leaf and  
*Hypericum mutilum*, L. (1/2 high - (top of yellow leaf and

- East Jaffrey, July 11

Rain, rain, rain - I laid at home and read  
"Cape Cod" & "Russia" - Went to the station in P.M.  
to meet Mrs. Wetzel - She did come.

Letter from Mr. Brown



1889.  
July 12 -  
E. Jaffrey, N.H.

Sun at last - glorious day, clear, fresh breeze.  
This A.M. walked to P.O., then to Jaffrey Centre and round  
by the new road to the road leading through Lee Lane.  
In one place by the roadside just before entering Jaffrey I found  
that *Careum Carui* abundant. It had escaped from somewhere  
and was flourishing in the long grass. No house was near.  
I saw it in a similar situation near a house on the  
long road to Jaffrey and I have seen in other places here.  
In the P.M. read and went to the station.  
Kettell, child & nurse who arrived in the 5.36 train.

*Careum Carui*, L.

Abundant by the roadside near Old Jaffrey.  
Over section Elmh. It is dead.  
- July 13. E. Jaffrey, N.H. -

Perfect day. This A.M. I drove with Mr. & Mrs. Ementon  
to the village and then round Gilmore's Pond a very  
pretty sheet of water beyond Old Jaffrey. In the  
P.M. wrote to Mr. Maynard my 12<sup>th</sup> letter. Went to  
the station to meet Mr. Kettell.

*Cicuta maculata*, L.

I took specimens of this and some extra roots  
to send E. L. Greene who wants to study the genus.  
They came from roadside beyond Old Jaffrey -  
*Habenaria lacera* R.Br. Roadside -



1889

- July 14 -

- East Jeffery, N.H.

The sun rose clear & bright this morning and the day has been a very pleasant one both as regards weather and adventure. I staid at home this A.M. reading &c. After dinner Mr. Rettell & I left the house by 2.15 in an open wagon for Mt. Monadnock. Mr. took us to the foot, and I went on a road kept open by the Mountain House to the House & way up the mt. where we put up the horse. A tramp of one mile took us to the summit some 2000 ft. above the house, the mt. being 3718 ft. above sea level. The vegetation was extremely northern as we ascended and some 1000 ft. from the summit the growth is composed of a few very small shrubs, and small herbs, *Vaccinium Pennsylvanicum*, *Sambucus racemosa*, *Aralia hispida*, *Potentilla tridentata*, and near and on the summit, *Arenaria Groenlandica*, *Juncus trifidus*, *Poa serotina*, *Poa caesia*, var. *stricta*, *Eriophorum gracile* formed the main growth. The mt. top consists of bare rocks & ledges, while the immense back of the mt. extends for 5 miles. The *Juncus* grows in dense bunches among the rocks and is the conspicuous plant on the plain. On the N. slope I passed *Acer montanum* (fr.) *Betula Lutea* & *papyrifera*, *Pyrus Americana*, *Solidago Thyrsoidea* (young), *Streptopus roseus*, *Carex canescens*, var. *alpicola*, and the more common plants.

The view was grand - Home by 7.45 P.M.

*Arenaria Groenlandica* Spreng.

*Juncus trifidus*, L.

*Eriophorum gracile*, Koch.

*Poa serotina* Ehrh.

*Poa caesia*, <sup>Smith</sup> var. *stricta* Gray.

*Potentilla tridentata*, Sol.

*Solidago Virgaurea*, L. var. *alpina*, Bisd.

*Carex canescens*, L. var. *alpicola*, Wahlb.

*Streptopus roseus*, Michx.

*Sambucus racemosa*, L.

*Monarda fistulosa*, L.

by a pool -

} Fide July 1889 Di. Vasey  
for spec. sent him

Summit of Monadnock

} Woods near 3000 ft. high on Mt.

Among rocks near summit - Mt. (tr.)  
Road side near our boarding house -

x very wet to some grass, etc. in 1889  
July 20-1889  
The 2 -

# acc. to Sarnett's Dictionary of Altitudes of  
the U.S. Acc. to Appleton's measurements  
it is 3169.3 ft.



1889.  
- July 15 -  
- E. Jaffrey, N.H.

Pouring rain all day. I spent the A.M. with my plants, wrote & read in the P.M. & evening. Mr. Kettell took the early A.M. train for Boston.

- E. Jaffrey, July 16 -

Clear, bright day. This A.M. went in the woods on the Dublin Road, east side. Read in the P.M.

*Taxus baccata*, L. var. *canadensis*, Gray - Woods  
*Ranunculus acris*, L. - Akeens - Roadside.

- E. Jaffrey, N.H. July 17 -

Clear, cool day. This A.M. drove to the village for the mail. Then drove with William & Arthur to a farm off the Dublin Road, some 2 m. from here and walked back to dinner. Read, & analyzed plants with Mrs. Kettell in the P.M. Walked to the P.O. in the evening.

*Juncus marginatus*, Roth. Roadside 1/2 way to village.

E. Jaffrey, N.H. July 18

Clear day. Warm in the sun. This A.M. drove to the farm of yesterday and spent a couple of hours on the border of Frost Pond. A pretty sheet of water, trees & bushes to the edge. The ordinary growth lined the Pond; *Salix*, *Populus*, *Linnaea*, *Urtica*, *Cassandra*, *Nymphaea* od. *Cladium* etc. This P.M. walked with Mrs. K. on the same road, east of house, home through village.

*Criocaulon septangulare*, With. In water, Frost Pond.

*Sparganium angustifolium*, Willd.

*Chiron stricta* Lam.

Border of " " " "

\* The Clary was not in dense hummocks, but covering a patch some 4 ft. sq. rather closely, the plants being an inch or more apart.



- 1889 -  
 - July 17 -  
 - E. Jaffrey, N.H.

Clear, bright day, rain in the evening -  
 This A.M. Mr., Mrs. K. & I walked up the  
 Lucien Road and returned over the fields -

Read considerably today in Emerson's  
 Walked to the P.O. this P.M.  
*Monarda fistulosa*, L. Roadside -

E. Jaffrey, N.H. July 20.

Rain all the A.M. Clear in the P.M.  
 I strolled & read - J. K. Churchill did not  
 come as I expected - Mr. Kestell arrived -  
 I put into press a fine printing specimen  
 of *Vacc. corymbosum* coll. near by by Arthur Pierce.  
*Taxus baecata*, L. var., *Canadensis*, Gray - Woods.

- E. Jaffrey, N.H. July 21 -

Clear, cool day - This A.M. took a short walk  
 with Mr., read & wrote - In the P.M. Mr. & Mrs. K. & I  
 walked to the village and took some photographs by  
 the way -

*Delphinium repens*, L. Woods -  
*Taxus baecata*, L., var. *Canadensis*, Gray. + berries

E. Jaffrey, N.H. July 22 -

A perfect day, clear and calm - Rather warm -  
 Started for Monadnock with Arthur Pierce at  
 10 A.M. Drove to the Mountain House by 11.30.  
 Climbed to the summit by 1.15. The views were  
 simply indescribable - Lunched on the summit.  
 There was scarcely a breath of wind on the top,



1877 & ... The vegetation  
 The top is interesting. The summit consists of rocks and whatever vegetation there is, is found in patches between the rocks. 6 in. will about cover the height of the plants. There are springs very close to the summit and hence wet soil. *Poa caesia*, var. *stricta*, is abundant - I picked, lying in a bed of it. The chief growth on the very top, however, is *Juncus trifidus*, growing in dense clumps. *Poa serotina* is plenty and also the pretty *Arenaria Groenlandica* in full flower now. *Solidago Virgaurea* grows here & there all over the summit while *Vaccinium Vitis-Idaea* forms considerable beds and occurs down to the line of trees some 1/2 m. from the summit, its berries turning red. *Rhododendron Rhodora* is plenty on the damp slopes and by a spring of crystal water near the top I found *Sedum latifolium*. *Carex canescens*, var. *alpica*, varying towards var. *vulgaris* grows in damp places. I found this also in the woods nearly as far down as the Mt. House 1 m. from the summit. Small pools of surface water are scattered about on the top and by one of these I found a small form of *Eriophorum*, scarce quite abundant. *Potentilla tridentata* occurs from the summit to the line of trees. These are the leading features of the phænomenous vegetation of the summit of Mt. Mowaduck, 378 ft. above sea level.

*Rhododendron Rhodora*, summit of the Mt.  
*Juncus trifidus* L.

*Solidago Virgaurea*, L. var. *alpica* <sup>Engelm.</sup> } Summit of Mt. Mowaduck  
*Poa caesia*, var. *stricta*, <sup>Gray</sup> }  
*Carex canescens*, L. var. *alpica* <sup>Walt.</sup> } Summit & sides of the Mt.  
*Polypodium vulgare*, L. } Woods of the Mt.  
*Ribes rubrum*, L.



- 1887 -

- July 23 -

- (East) Jaffrey, N.H. -

Pleasant day - Thunder storm at noon.  
 Went to bed & rested this A.M. In the  
 P.M. I drove to the P.O. and then  
 up to Frost's Pond where I investigated  
 the Carex I collected on the 18<sup>th</sup>. I  
 have heard from L.D. Bailey, in regard  
 to the Carex and he says it is Dewey's  
 (*C. stricta*) and he wants me to report  
 more fully on it. It is abundant on  
 the side of the Pond I visited and does  
 not grow in dense tufts, but scattered, one  
 rootstock producing from 1 to 5 or 10 plants  
 of some leaves & flowering stalks. Between these  
 little tufts is a space of from 1 in to 1 ft.  
 The leaves all interlace as they grow  
 and a green border is thus formed along  
 the shore.

I am going to Cambridge  
 to-morrow to see my Father who is very sick.

Carex stricta, Lam.

} Shore of Frost Pond.

*Monarda fistulosa* L. Roadside.

July 28 - East Jaffrey N.H.

I went home by the 7 A.M. train Wed. the 24<sup>th</sup>  
 and staid at Mother's, till yesterday the 27<sup>th</sup>.  
 Father is very weak and continues the same.  
 Charles came on Wed. and returned to Chicago  
 yesterday. I went to the Garden 3 times,  
 and saw Mr. Watson & W.F. Ganong. Returned here yesterday.

*Medicago sativa* L. Field, Brewster Pl. Cambridge Mass. July 28<sup>th</sup>  
*Prunus pennsylvanica* L. f. Fr. 1<sup>st</sup> road. Taffrey, N.H. "

Abutilon stricemos Gaertn. July 26  
 Cambridge Mass. Went in Father's  
 garden - I took a single flower



- 889 -  
 - July 28 -  
 Capt Jeffrey N.H. -

The weather was simply magnificent both here and in Cambridge on the 24-25-26 - Heavy rain all the 27<sup>th</sup>. To-day has been cloudy though it did rain. M. L. & I took a 3 m. walk this A.M. through Love Lane and home by the Dublin Road. Worked in the room on my plants and wrote in the P.M. -

Capt Jeffrey N.H. July 29 -

Heavy clouds all day. Air thick and muggy. Heavy rain storm set in by 4 P.M. and lasted till late in the evening. Walked to the village this A.M. Received from the ticket agent at the station the money for my stolen suit. Read and wrote in the P.M. & evening. Analyzed with Mrs. R. *Impatiens fulva* & *Lysemachia stricta*. Very interesting letter from McDonald. Read Sayre's *Ab. on Loco*: *Cicuta sulbifera*, L. Shore of Contoscook R. -

Capt Jeffrey N.H. July 30 -

Rain, rain all day - Very showery in the A.M. steady rain in the P.M. This A.M. went to Squantum 3 m. with Arthur & Charlie for sandrust. Remained there about 1 hr. and I did a little botanizing in the woods. The Cardinal Flower is out. ~~Very~~ Gorgeous color! Home to dinner. With my plants, books and letter-writing in the P.M. and evening -

*Glyceria clouata*, Trin.  
*Aspidium spinulosum*, Lutz.  
*Sagittaria variabilis* Engelm.  
*Taxodium canadense*, Kalm.

Woods

"

By brook -

Roadside -



1879.  
Aug 31 -  
East Taffrey, N.H.

Rain, rain all day not heavy, with occasional stops - I did some collecting to-day in the woods & pastures near by, chiefly for F. E. McDonald.

- Galium asprellum*, Michx. } Roadside  
*Prunella tomentosa*, L. }  
*Lycopodium dendroideum*, Mx. }  
 " *clavatum*, L. }  
 " *annulatum*, L. } (Wood)  
*Urtica erythrocarpum*, Mx. (Fr.) }  
*Hampanthes Canadensis*, DC (Fr.) }  
*Juniperus Canadensis*, L. (Fr.) }  
*Tanethera procumbens*, L. (Fl.) } woods - Fr. pasture,  
~~Agropyrum~~  
~~Setaria~~ *repens*, L. } Meadows  
*Sporobolus serotinus*, Gray. }  
*Sparganium Americana*, Michx. }  
*Rubus villosus* Ait var. *humifusus*, T. & G.

- E. Taffrey, N.H. Aug. 1 -

Rain, rain all day with lucid intervals. Clouds heavy continuously - Went into the woods this AM. with Charlie and collected Gold Thread. In the P.M. read and went up to the <sup>Mr. Plummer Pierce's</sup> Bull with Arthur.

- Coptis trifolia*, Salisb. }  
*Carex trisperma*, Desv. } Woods  
*Tanethera procumbens*, L. }  
*Betula alba*, var. *populifolia*, Spach.



1889  
Aug. 2-  
- East Jaffrey, N.H.

A very pleasant day light-breeze with the sun under clouds all day - This A.M. I drove with Charlie to the Saw Mill on the Peterboro Road for Sawdust - I've none but brought back lumber instead. The Contookook River is very beautiful by the Mill and all along to Jaffrey - Strolled up to Love Lane this P.M. Thunder storm in the evening. D. & Mrs. Coolidge arrived this P.M.

*Cicuta bulbifera*, L. By Cheshire Pond  
*Polypodium vulgare*, L. } Rocks by the River  
*Phlegopteris polypodioides*, Fee  
*Erodium cicutarium*, R. Br. Wood by roadside  
*Pinus arbutifolia* L.f. } Roadside (Black Fruit,  
*Viola pubescens*, Ait. } Wood, in Love Lane -  
*Carex virescens*, Muhl. }

- East Jaffrey N.H. Aug. 3 -

Thunder storms all day long! During the intervals I went in the meadow and botanized a little. Never saw heavier showers. Terrible thunder crops

*Brothera pumila*, L.  
*Viola blanda*, Willd.  
*Lactuca leucophæa*, Gray Fruit  
" *sanguinea* Fruit, flowers & leaves from same plant. 40 high. leaves all mucinate-pinnatifid  
" *hirsuta*, Muhl.  
*Solidago juncea*, Ait. } Roadside -  
*Trifolium pratense*, L.  
*Brunella vulgaris*, L. Fruit.



Aug. 4 -  
East Nahvers, N.H.

A perfect day, warm and bright -  
This A.M. I went with (Charles & Father)  
to my pond where we went in  
bathing and had a good swim. In the P.M.  
Mr. Kettell & I went up to Mr. Plummer Beebe's  
and visited the bull "Tim" a Thoroughbred  
Horse & Tim took 2 lbs. Tomatoes of him and  
received a full calf. This A.M. I examined my  
letters in the morn. and then put the plants  
into them -

*Melampyrum Americanum*, Mx. Roadside -  
*Coccyzus cornubotum*, L. Pastures  
*Viola sagittata*, Ait. Open ground by Long Pond.  
*Castanea calyculata*, Don. Ref

E. Jaffrey, N.H. Aug. 5 -

Rain rain, all day with clear sunset - This A.M.  
I donned my rubber coat & boots and tramped about  
in the meadow & woods. Wrote letters & read  
the morn. & evening -

*Blaua*, Wild meadow.

4.7

*Theraps pumila*, L. meadow, To show delisence.

E. Jaffrey, N.H. Aug. 6 -

Sun warm and bright all day - This A.M. a party of us drove up to the  
Mt. House on Monadnock, returning to dinner at 2.30. I strolled  
a little in the woods there. Dried blotter in the sun in the P.M.

*Vaccinium Pennsylvanicum*, Lam. Fruit with bloom -  
*Polygonum cilinode*, Mx. Fruit  
*Polypodium vulgare*, L. Fine fruit  
*Betula lutea* Mx. Fruit. Roadside, Jaffrey -  
Mr. Lide - Jaffrey.



- 1889 -

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Aug. 7 -

East Gaffney N.H.

A glorious day, sun light since 8, blue cl. do  
 Staid about the house this A.M. Dried blotter in sun, read  
 Wallace's Darwinism - Read in P.M. and took a stroll with  
 M. into the woods. Walked to the village in the evening -  
*Lycopodium clavatum*, L. } Woods -  
 " *annotinum*, L. }  
*Ranunculus Virginiana*, L. Fruit roadside. Very abundant.

- East Gaffney N.H. Aug. 8 -

A glorious cool sunny day. Cloudy by sunset.  
 This A.M. a party of us drove to Dublin by the  
 road past Flatts, round Dublin Pond and home  
 by the lower road, passing near Frost Pond. The  
 views were extremely beautiful all the way -  
 Strolled into the woods in the P.M. Dried blotter in sun  
*Lycopodium clavatum*, L. } Woods -  
 " *annotinum*, L. }

- East Gaffney N.H. Aug. 9 -

Pleasant day, but cloudy - This A.M. M. & I  
 went over to the wood opposite the house - In  
 this wood *Lycopodium complanatum* carpets the ground  
 while *L. dendroideum* is abundant. Saw no other L.  
 In the woods on the Dublin Road, *L. clavatum* &  
*annotinum* carpet the ground. There is a little  
*L. dendroideum* here - I have seen no *L. complanatum*  
 In the P.M. went into the Dublin woods -  
*Lycopodium dendroideum*, Mx }  
*Gaultheria procumbens*, L. } Woods -  
*Trillium erythrocarpum*, Mx }



- 1889 -

- Aug. 10.

- East Jaffrey N.H. -

Cl. sky threatening, but no rain - I'm struggling through it intervals. Staid near the house to-day reading not attend up to my plants -

*Betula papyracea*, Ait.

Wood - Roadside - Tree some 12' in diameter

- East Jaffrey N.H. Aug 11 - Sunday

Clear - bright cool day. This Am. a few of us went up to the farm by Frost Pond and Mr. Kettell photographed Mr. Pierce's yearling Jersey bull "Luna". In the P.M. I read -

*Potentilla tridentata*, Sol. Fruit. Growing abundantly in the pasture by Frost Pond.

*Saxifraga resinosa*, Torr. & Gray, Fruit. Pasture by Frost Pond.

East Jaffrey N.H. Aug. 12.

Clear, bright - cool day. This Am. M. A took a walk through Love Lane - I climbed to the top of a tall *Betula* tree for fruit -

I also went into the woods off the house -

Went to the depot time in the P.M.

*Betula lenta*, L.

" *papyracea*, Ait (Bark) } Roadside

" *alba*, L. var. *populifolia*, Sp.

*Lycopodium complanatum*, L. Woods -

*Hieracium paniculatum*, L.

Woods.

*Betula lenta* Mx. f.

Roadside.







- 1889 -

- Aug. 20 -

- East Jaffrey N.H. -

A pleasant, rather warm day - This Am. Bessie Bent & I walked over the hill to Pollard's and then across its fields to the Grise Mill. Back the same way. The views by the river are beautiful -

I stop up a Flag Root for Bessie. In the P.M. I wrote letters. Have received at nice letter from Mr. Mearns yesterday.

Donald to-day. He is collecting tremendously.

*Scorus Calamus*, L.

By near Pollard's

*Carex folliculata*, L.

Low field

*Hypochaeris Americana*, L.

Low ground by river.

*Kalmia angustifolia*, L.

Open field.

- East Jaffrey N.H. Aug 21 -

Cloudy Am. Sunny P.M. This Am. M. & I walked up the Dublin Road a short way.

In the P.M. A party of us drove to Keizer.

Stopped and bought some kincknocks there. *Aceracium seabum*, Mx. Roadside.

East Jaffrey N.H. Aug. 22.

Slightly hazy. air balmy and pleasant.

This Am. Mrs. Hawes, Mr. Kettell, Bessie & I drove to Dublin where we dined. Visited a delightful old garden. Saw a fig tree full of figs.

Returned home in time for supper.

*Tragopogon pratensis*, L.

Roadside near hotel Dublin.

*Campanula aparinoides*, Pursh.

Wet ground. East Jaffrey.



~ East Gaffney, N.H. ~

Sunny most of the day - Air hazy - I spent most of the day in the hay field, trying to mow and raking. Dried my clothes in the sun.

~ East Gaffney, N.H., Aug. 24 ~

Sunny and pleasant, but hazy - This A.M. I walked through the woods off the house for some distance. Saw in a meadow one *Gentiana crinita*. Saw a skunk in the woods scratching in his hole. He poked his head out occasionally and looked at me as I stood 3 ft. off. He then ran off. I threw a stone at him and he vanished. In the P.M. I wrote labels and went over the meadows on the Dublin Road. M.R. arrived this evening.

*Aspidopodium lucidulum* (Mx) }  
 " *clavatum* L. }  
*Monarda fistulosa* L. } Roadside.  
*Potamogeton (Clatonia) Tuckerman* } Running bank  
 " *pusillus* L., var. *tenax*, M. & R. }  
*Prunus serotina*, Ehrh. } Roadside.

~ East Gaffney, N.H., Aug. 25 ~

Pleasant day, light clouds - Wrote letters most of the morning. Besides changing clothes. In the P.M. read & wrote labels and took a short walk with Bessie Bent.



- 1889 -  
May 26  
- East Jaffrey, N.H. -

The morning opened with a mist which soon broke up the sun coming out, and the day has been a most perfect one. This A.M. I drove up to the King Farm with Charles & Arthur. I then spent a couple of hours botanizing in the meadow and on the road near by. Picked some black berries for tea. I never saw such quantities. Wrote labels & read in the P.M.

Letter from E. L. Greene from Mt Rainier, W. T.

*Helichium spathaceum*, Desf. Bog.  
*Aster sp.* *Belpii*, L. Wet ground -  
*Carex* *stricta* *Hall* (= *leucaculata*, Bog. Fruit in pocket.  
*Synaphalum alpinum* L. Barnyard -  
*Prunus Virginiana* L. Fruit Roadside.

- East Jaffrey, N.H. May 27 -

A most glorious day clear and bright, fog in the early morning. Started for the train for Peterboro this A.M. to dine at the Morrisons but mistook the time and lost the train. Botanized in the meadow before dinner. Wrote labels this P.M. and went out to the hill to see the sunset.

*Solidago bicolor*, L. - Meadow.  
*Aster puniceus*, L. - Roadside  
*Botrychium ternatum* Sw. var

Meadow



- 1889 -  
- Aug. 28 -

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- East Gaffney N.H. -

A perfect day, clear & cool, air bracing.  
This A.M. I botanized about the house and beyond  
the Hottel's farm, plants to sun dried ones. This P.M.

Mr. K, M, & I went to some Pine trees and read -  
*Botanogeton Spirillus* Tuckerm. Brook.  
*Galium angustifolium*, L. Pasture  
*Botrychium ternatum* Nutt. " "  
*Larix Americana*, Mx. Pasture - Same tree as July 31 -  
*Galium asprellum*, Mx. Roadside  
*Hypericum Canadense*, Mx. Pasture

*Hydrocotyle Americana*, L. " "

- East Gaffney N.H. Aug. 29 -

A glorious day, clear and bright. Warm sun.  
I did a home & day. I botanized over my plants and in  
my garden & under the Hottel's, Tuckerm. 2. I saw the Hottel's  
*Lambertia canadensis*, L. Roadside.

- East Gaffney N.H. Aug. 30 -

A very warm day, clear, cloudless, comfortable in  
the shade. Worked all day on my plants.

*Larix Italica* Kunth. I took this from a field  
of Hungarian near the house that was cut this A.M.  
These were average specimens. They grew very thick.

- East Gaffney N.H. Aug. 31 -

Serious day, warm - no rain. Took the A.M. for Peterboro and  
dined at the M. J. J. very pleasant time. Drove with Dr. Morgan. Retained at 4 o'clock  
*Silene America*, L., Spontaneous in Garden, Peterboro -



- 1887 -

- Sept 1 -

- East Jaffrey, N.H. -

A perfect day, rather warm - Air hazy -  
 This A.M. I walked to the Kim Farm and  
 took the road to the road returning  
 my gun. I never saw the black-  
 berries so thick. A cat - yellow & black -  
 in the air. I walked on the road and  
 went up after the cows with the boys.  
*Galium asprellum* Michx. Roadside  
*Sagittaria* Michx. Roadside  
*Prunella americana* Michx. Roadside  
*Bidens frondosa* L. Roadside  
*Hydrangea* Michx. Roadside  
*Trichium, vernatum*, Sw. Michx. Roadside

- East Jaffrey N.H. Sept 2 -

Pleasant day, warm, hazy. Being a day  
 Mr K. said to my (Monday). He took photos of  
 the large tubers on the latter he took 100  
 and 100 in a field. Then I rode horse to the  
 field. Then a Jaffrey horse up a road, through  
 and home by the upper road through the field.  
 Dr & Mrs C. & Mr & William & Mrs C. & Mr C.  
 I am slightly lame. In the  
 I packed a trunk to take to Cambridge tomorrow

East Jaffrey, N.H. Sept. 5 -

Warm weather - no rain since the 1st. Went to Cambridge on the 3rd.  
 Returned this P.M. with May Day (see). Father is very very weak. It is  
 so said. I expressed 27 hens to George from here. They all arrived safely.  
*Medicago sativa* L. Waste ground Cambridge Sept. 5 -



- 1889 -  
- Sept. 6 -

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East Jaffrey, N.H.

A warm day, quite windy in the P.M. & cloudy  
as well as cloudy in the A.M. A few - spr of  
in the P.M. May & I walked this A.M.  
the 3 m. walk, ... home by the  
Dublin road. In the P.M. wrote letters & read.  
*Galium asprellum*, Mx. Roadside  
*Polypogon monspeliensis* L. By brook,  
*Aster diffusus*, Ait. Roadside  
" *undulatus*, L. "  
*Arum serotinum*, Ehrh. Fruit: Same tree as Aug 24.  
*Hieracium scabrum*, Mx. " Roadside  
" *paniculatum* L. " "

- Cambridge, Mass. Sept. 7 -

Air misty. I received a telegram this A.M.  
from George to return immediately as dear  
Father was very ill. We packed up everything  
and took the 2.5. train, changing at Waltham  
and stopping at Cambridge and driving to Father's  
where we arrived at 6.30. Father is more quiet,  
but very feeble. We shall sleep at Lucy's.

*Lilium Canadense* L. Fruit. Petal. observed in  
flower. Meadow - E. Jaffrey  
*Habenaria laccosa*, R. Br. Fruit. Roadside. E. Jaffrey.



- 1889 -  
 - Sept. 17 -  
 - Cambridge, Mass. -

Since my last entry, we have been  
 quiet at home. Father continues from  
 day to day very weak, without suffering  
 much pain. I have done more  
 work on my plants but have not  
 begun to press my Jaffrey ones yet.  
 Then I have a large coll. from A. V.  
 Patterson of Man. Plants, and from Dr.  
 H. E. Hulse of Cal. & Wis. Acad.  
 H. W. Henshaw called to-day -  
*Acalypha virginica* Waste ground Sept. 13.  
*Lespedeza capitata* Mt. Roadside by North Am.  
 on Coll. Sept. 17 -

Sept 21 Cambridge -

Weather stormy since the 17th. Father  
 continues the same. Left this A.M. for  
 Garden - Two - there times lately, veri-  
 fying a few things. This A.M. I walked to  
 the River marsh at the end of College Ave  
 by Allen River-Beltie in Patterson -  
 found it in great abundance and favored me.  
 By College Ave. Brighton near  
 the salt marsh, Watertown  
*Lespedeza capitata*, Mx. Roadside, College Ave.  
 Watertown

Cambridge



- 1889 -

Sept. 22 -  
Cambridge, Mass. -

I was out in the air tracing - I went  
about 1 M. from Fresh Pond to visit some Hamamelis  
growing off the Water Works. It is in  
abundance of fruit there & hardly after 10  
P.M. some in the 1<sup>st</sup> stage & I started off at  
2.30 with a large & buggy and drove up the road to  
Woburn, then in a turnpike Ave, along the S. R.  
some 2 1/2 m., then back a short distance, then North on the  
Watertown St. & Middle St. which we followed in an easterly  
direction to E Lexington. We drove through the town and  
struck a road south, bringing us into Watertown St. and  
into Concord Ave. just below the point where we  
first struck it. The country is gloriously fresh &  
green. We reached home a little before 6 P.M.

*Asplenium platyneuron*, Vit. Roadside. Lexington.

*Hamamelis Virginica*, L. Lake View Ave. near Fresh Pond.

Sept. 29 - Cambridge -

A mixture of rain & cold weather since the 22.  
Have been in to school since the 24<sup>th</sup> getting ready  
for the opening day, tomorrow, the 30<sup>th</sup>.  
Father continues extremely weak - no pain -  
as regards my plants I have poisoned Putterlick  
with grasses - I have now in the box and also  
paper box all my own plants & Putterlick for mounting.  
H. W. Weyland dined here the 27<sup>th</sup>.

*Euphorbia Periscopia*, L. By vegetable garden 28<sup>th</sup>  
*Portulaca oleracea*, L. " " at Father's.  
*Potentilla Norvegica*, L. " "

*Hamamelis Virginica*, L. same place as Sept. 22 - 1889.



1889.

Oct. 1 -

- Cambridge, Mass. -

Feb. 1 opened yesterday. Father continues  
about the same.

*Stentella Norvegica*, L. Vegetable garden, Father's

- Oct. 6 - Cambridge - Mass. -

A cool week. Busy at school - called  
on Mr. Churchill, Thursday (3rd) - This morn  
I walked to Fresh Pond and round  
the Glacialis. I found I was too late for  
the Alnus where I coll. last Mar. 31  
The frost had killed all the leaves. I got some  
*Myrica* for McDonald but it was almost  
too late - most of the leaves were gone -  
we have had several frosts -

*Hamamelis Virginica*, L. By Fresh Pond. Fl. Oct 5.  
*Eupatorium purpureum*, L. " " " " " "  
*Phragmites communis*, Trin 9 ft. high. A clump some  
10 x 40 ft in growing by Alewife Brook just beyond  
where the brook runs under the Fitchburg R.R.  
on the Belmont side. I have pressed two  
specimens from the very top of the plant  
and a single leaf 4 ft from the top where  
the plant was flowering. The leaves had all  
disappeared 3 ft from the bottom. There was  
but one leaf, partly dried, on the plant next  
below, and the same size as the lower one  
I have pressed - Oct 6.

*Polygonum dumetorum*, L. var. *scandens*, Gray  
- fruit. Found a ground near Fresh Pond. Abundant  
prominently over bushes with the relative abundance of fruit -



- 1889 -

Oct. 12

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- Cambridge, Mass -

Fine cool weather for the past week. Have  
mounted & distributed Patterson's plants to Sumner  
Father continues the same. {173 sheets.  
*Malva rotundifolia*, L. Garden at Father's.

Oct. 15 - Cambridge, Mass

Glorious weather.  
*Scutellaria Noveboracensis*, L. Repetible garden - Father's  
*Euphorbia Helioscopia* L. "

Nov. 3 - Cambridge, Mass.

During the past 3 weeks we have had  
much bad weather. I have had as bad a  
cold and dyspepsia as I ever had. Much  
better now. I have got in herb all my  
Jaffrey plants and others collected by myself.  
Prof. C. Porter has sent me some very nice  
plants. This A.M. Mr. & I took a walk up  
to Fresh Pond.

*Helianthus macrophyllus* L.

Spikes. Lake View Ave off. Water Works.

*Solidago lanceolata* L.

Fruit - Fresh Pond Lane -

*Lepidium virginicum* L.

Seedlings with old plants in bloom by Fresh Pond.

[ Nov. 13 - Father passed quietly away this A.M.  
at 5.35. It was a peaceful ending of a most  
beautiful life. ]



1889

- Nov. 30 -

- Cambridge, Mass. -

During my leisure moments I have been  
poisoning and mounting plants - I still have  
to get into my Herbarium collections from  
Patterson, McDonald, Porter, Miss Reynolds  
O. A. Farnell & Dr. Hassel so there is much  
to do. Besides there are plants to name.  
E. L. Rand comes up on Sunday P.M. to work  
on his M. Desert Plants. This A.M. I  
worked on some Allen coll. by E. Faxon  
at the Gray Herb. Saw Mr. Watson. I have  
had beautiful letters from my various  
botanical friends about our great loss.

*Senecio vulgaris* L. } Edge of sidewalk Brewster.  
*Lechea maja* Mx. } Coolidge Ave. Same spot as  
" " } the sp. of last Sept. 31  
*Helianthus annuus* L. } By Fresh Pond - Cambridge Nov. 17-

- 1890 -

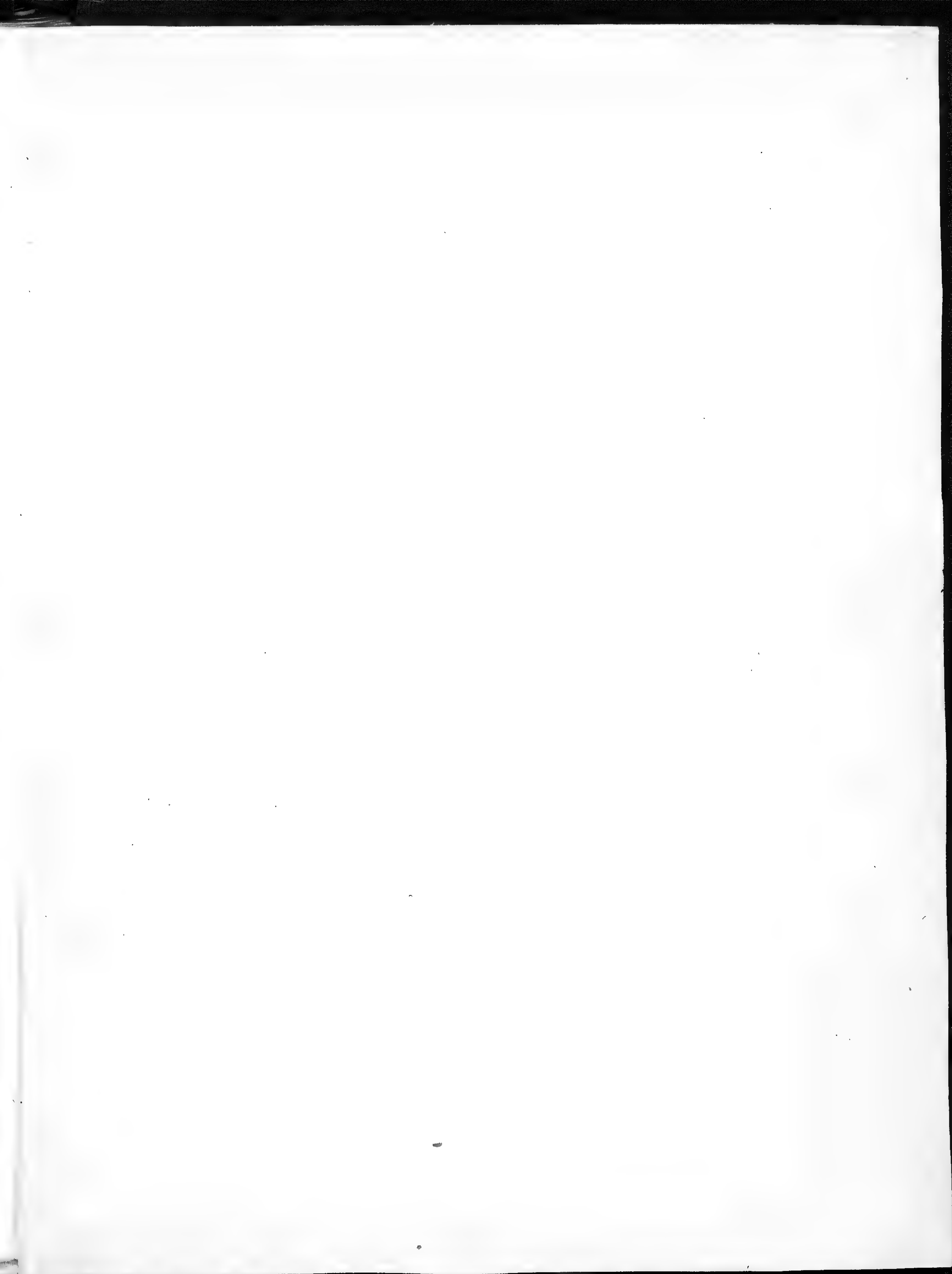
Jan. 4.

I have just returned from a most  
delightful visit to L. A. Bailey, Jr., at Cornell  
University, Ithaca, N.Y. I went on Tues.  
evening Dec. 31 and left there last evening.  
We had a fine time. Saw the various  
buildings. Very magnificent. The Univ.  
is some 500 ft above the Lake Cayuga  
which stretches away to the North.  
Went to Triphammer Falls, & Ithaca  
Falls the latter 165 ft. high in a



Rest of Juns. between Dec. 31 /889 & Mar. 31, 1890  
in next volume -





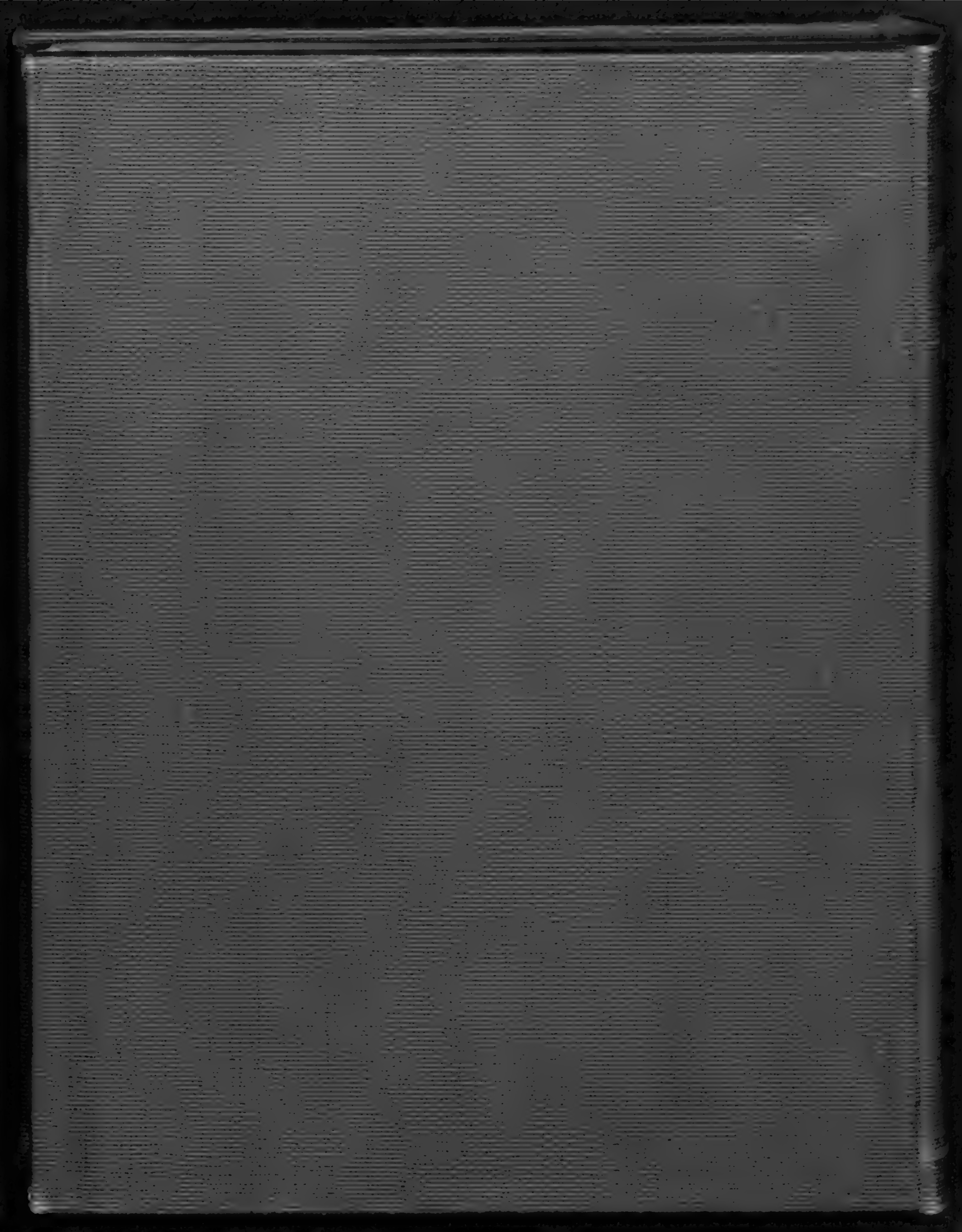














Dr. G. G. Kennedy -

met him (see Journal)

1885 July 25 Willoughby Lake - 64.  
" Dec 28 Milton - with Barnes

1886 Mar 27 " " "  
" Apr 25 - May 2 (Trip to Natural Bridge  
" June 5 with Barnes to Reedville  
" Oct 2 Reedville, Botanical trip  
" Nov 4 Dined with me -

1887 Apr 23 Set trap to Foxmireville.  
" May 26 Lunched with him & L. F. Ward in Boston



1888 Feb 2 He was at Dr. Swain's funeral.

" Apr 30 Sam been in Boston

" May 27 Murray & I went out to  
see him.

" June 9 I went to Milton & we  
rode & botanized.

" July 6 Went to Milton with Cullen  
& Rose.

" Sept 3 Swales & I to Milton. Drove collecting



1889 Feb 13 Dr R. W. R. at my home



1887, May 27. At Aunt & Carb. with Ward  
" " 28 Rectville. Botany  
~~Jan 3~~ " Nov. 3 " Have scarcely seen him

Since the winter of summer.  
He & Mrs K. have gone suddenly to Europe  
to see Dr. K's father & mother who are rich

~~1888 Jan 3~~ { We went out to the house

1887 Dec 29 / I spent the night. I  
took a bundle of plants & ferns



Cambridge March 7 1917

Dear Deane,

Mr. W. N. Suksdorf, who was committed to the M'Lean Asylum in 1888, at his own request, recently asked me to procure for him a copy of his application for admission to the Asylum. This I obtained, thanks to Dr. Tucker, and I forwarded it to S. He returns me hearty thanks, and in his letter, posted at BINGEN, Washington, he requests me to give his kind regards to Professor Farlow and to Mr. Walter Deane. I send the message to you, machine made. Mrs. Goodale desires me to send her thanks to you

for the Perry letter. *With all good wishes to you both  
I remain Yours faithfully, G. H.*